HTTPS://Everywhere UX

BROWSER EXTENSION

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The functionality within the extension panel uses mixed metaphors for the UI and inconsistent hierarchical groupings of functionality which can lead to confusion and frustration for users and create barriers to interaction or adoption.

With the evolving UX of the competitive landscape, the design language and UI of HTTPS Everywhere has become dated.

By creating hierarchical groupings of functionality and by using appropriate controls in the UI, we can create a highly usable and beautiful user experience.

HTTPS EVERYWHERE

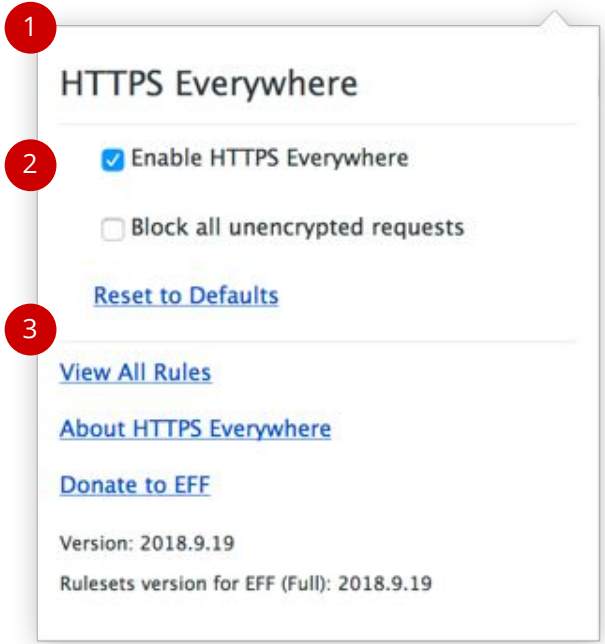
UX & Visual Design Audit

UX AUDIT

1. As a user, I want to see what feedback about what this extension has done for me, so that I can understand it's impact on my browsing experience.

2. There are mixed controls here and should be represented by different types of UI. When turning something on or off, a toggle should be used, but when there are options, checkboxes are more appropriate

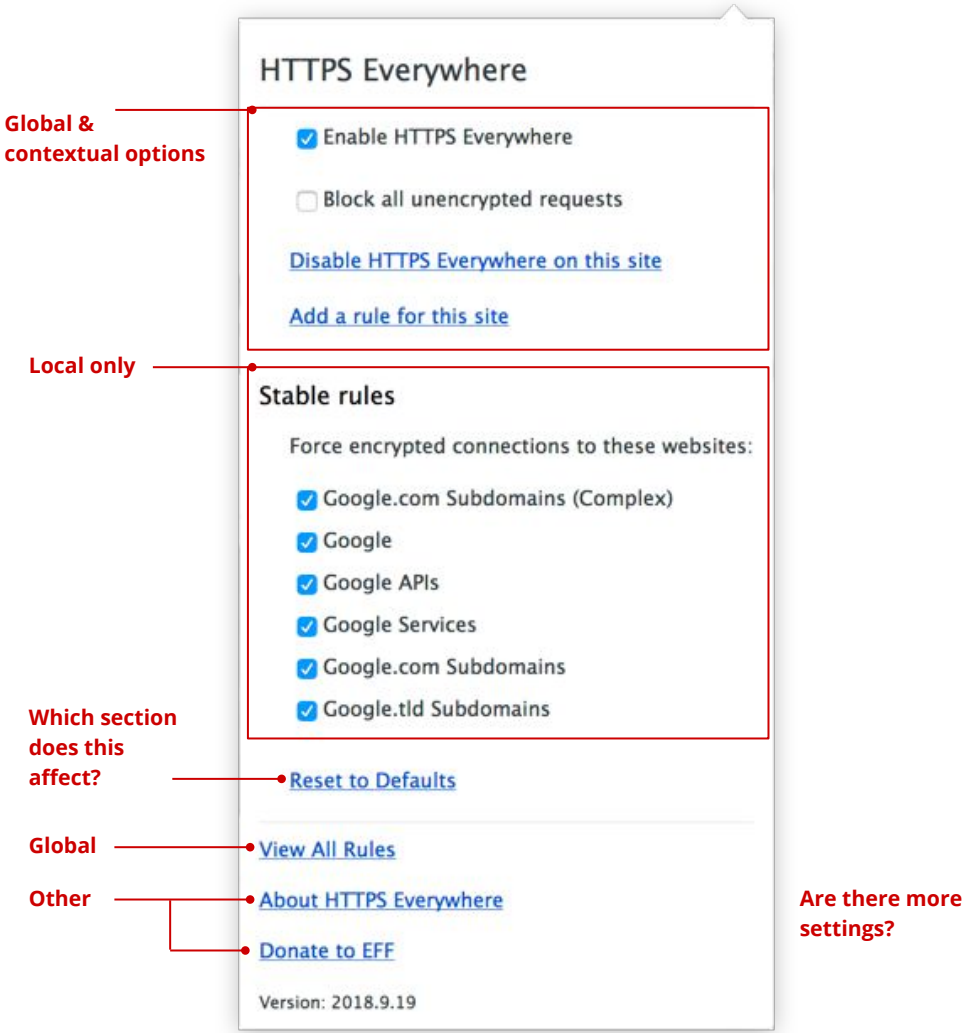
3. Some of the links act are actions like "Reset to Defaults", and others act as links like "About HTTPS Everywhere". Should the UI treatment be more distinct?



INFORMATION ARCHITECTURE

There are different groupings of functionality, but the contents are inconsistent in what they apply to. The top section includes both global actions and also actions that are contextual only to the page they're currently visiting.

Grouping controls together that apply to either global or contextual settings will add clarity to the UI and efficiency to the UX by creating predictable clusters of functionality.

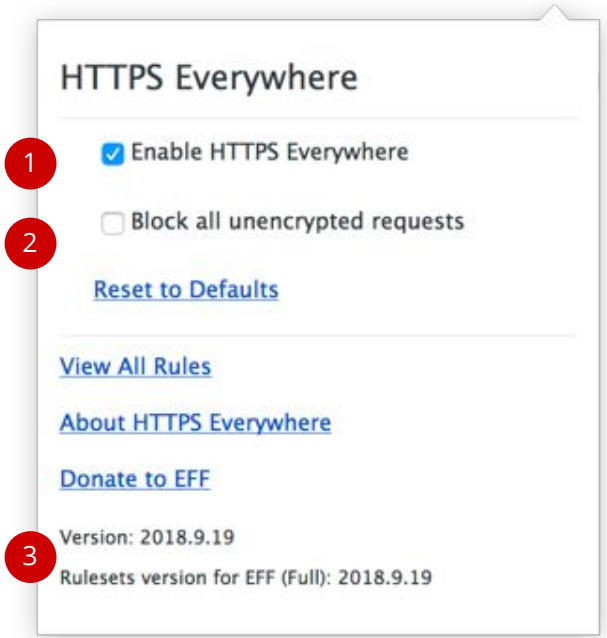


VISUAL AUDIT

1. The global actions are indented and cause an obvious lack of visual alignment.

2. The checkboxes are also indented further than the “Reset” option.

3. The footer can have a stronger visual grouping to make the panel easier to scan and to reinforce the information hierarchy.



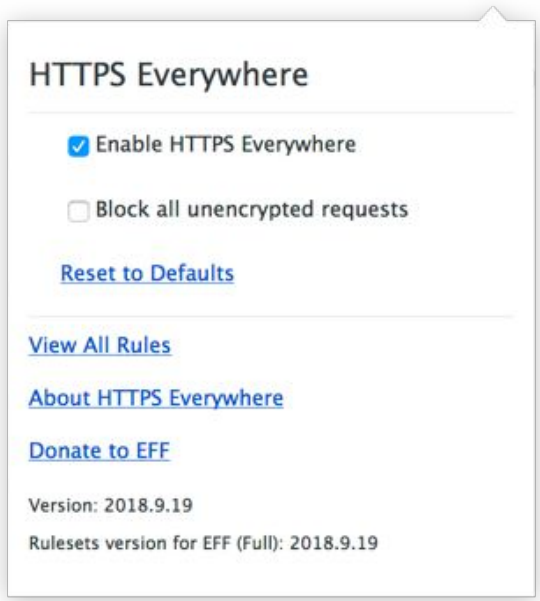
HTTPS EVERYWHERE

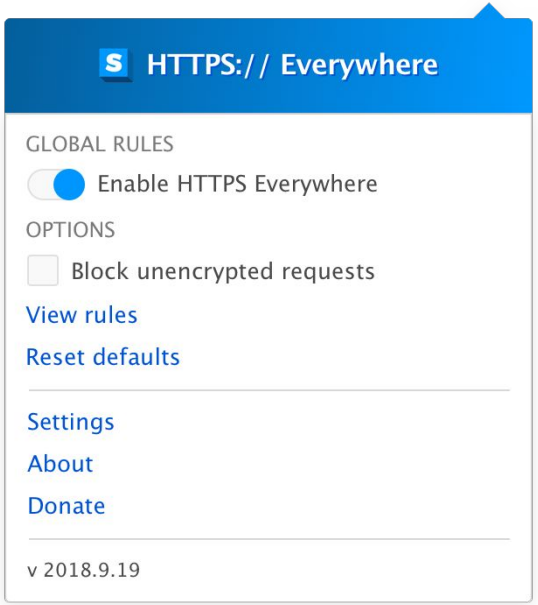
Current & Proposed

CURRENT & PROPOSED

The proposed design displays high level metrics about the value that the extension is adding for the user.

Instead of using checkboxes, toggles have been explored to use imply a more permanent state and follows patterns seen in other experiences like the Brave browser.





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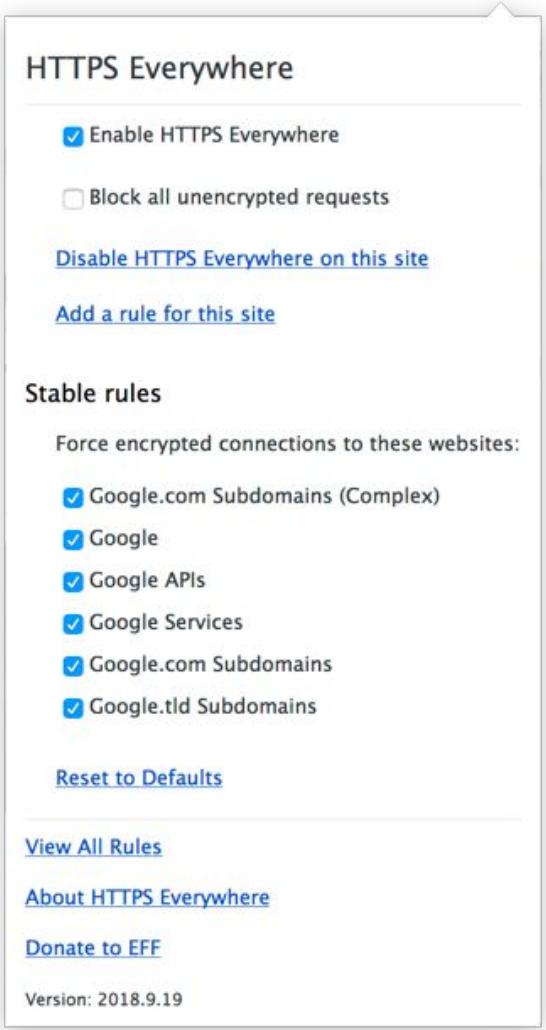
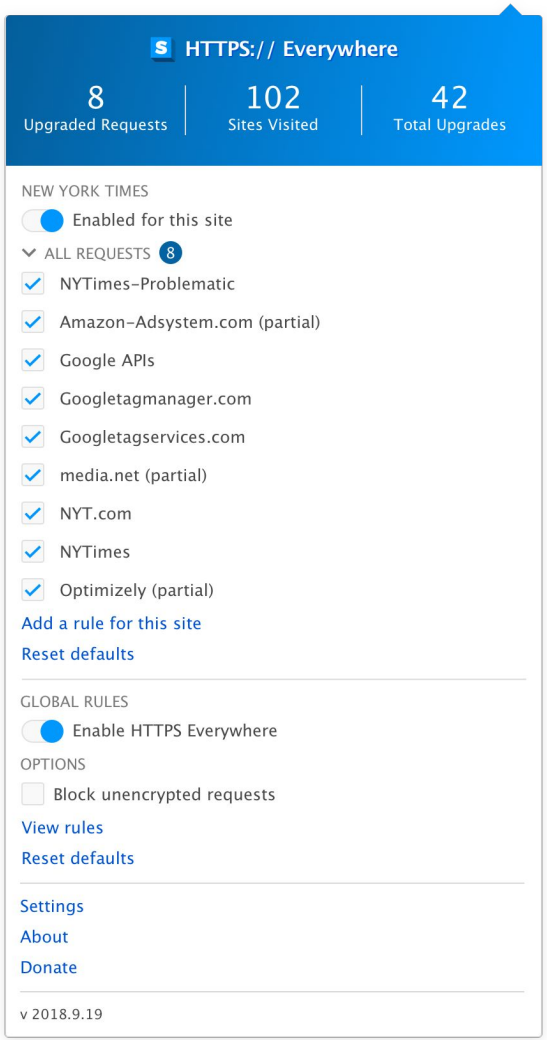




HTTPS EVERYWHERE

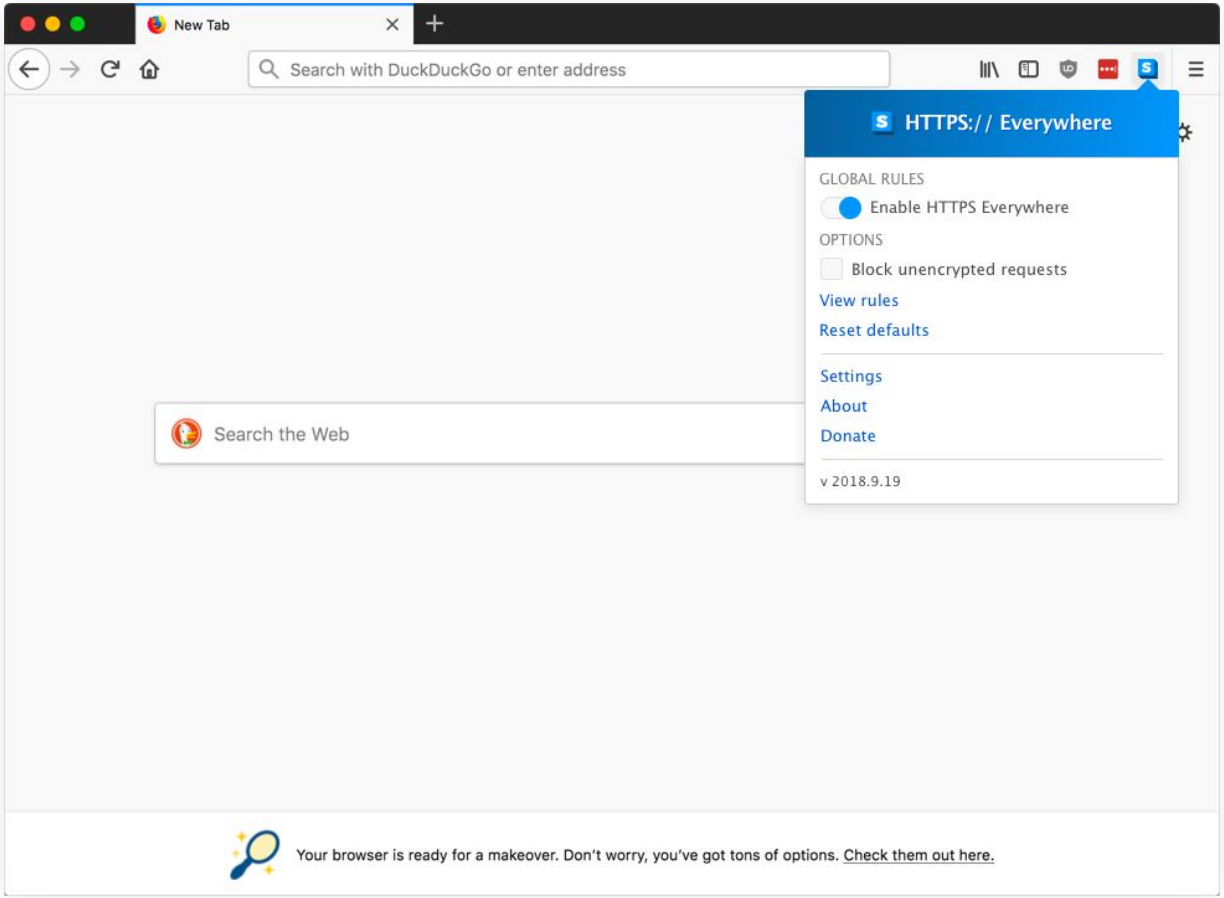
Interactions

INTERACTIONS

First Use, No URL Loaded

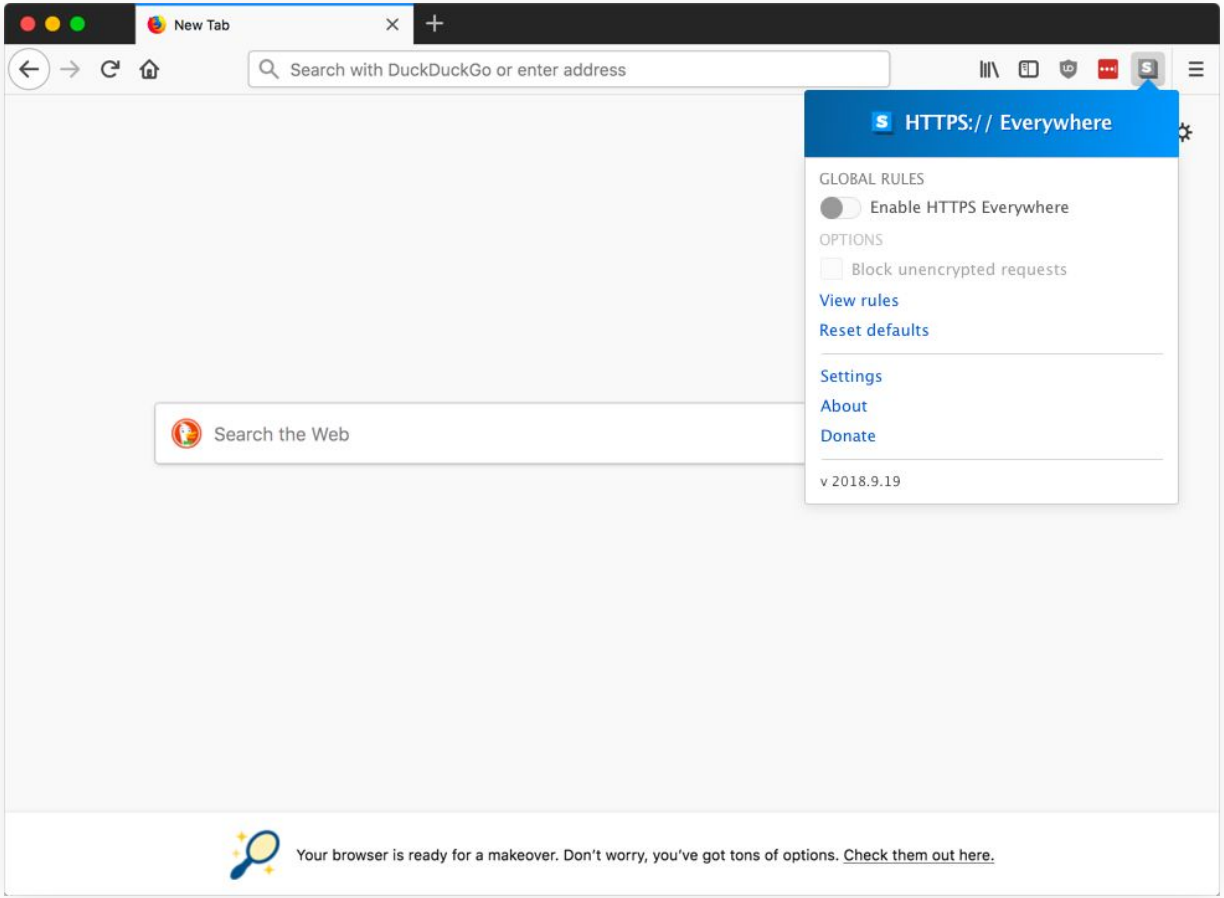
ENABLED, NO URL

Enabling the extension makes the options under the toggle active.



DISABLED, NO URL

When there's an on or off mode, a toggle should be used, whereas when there are options for the user, checkboxes are more appropriate. When the extension is disabled, the checkbox becomes deactivated. I chose to leave the checkbox present so that the user can see the options that will be toggled on. The value is more dramatically seen when the user is on a webpage, so that they're able to have visibility into what services are being downgraded, hopefully encouraging them to toggle the mode on.

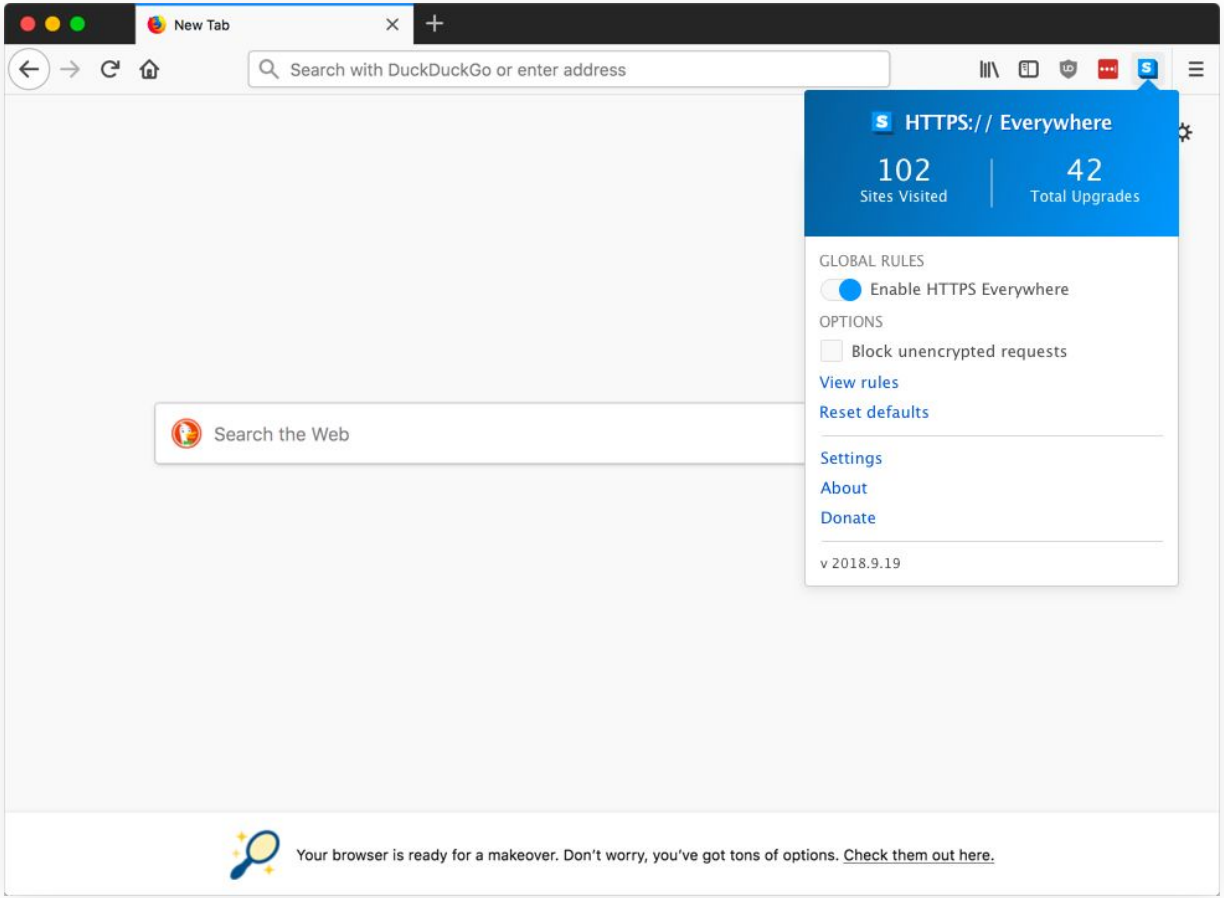


INTERACTIONS

Existing User, No URL Loaded

ENABLED, NO URL

Existing users can see an aggregate summary of the activity of the extension.



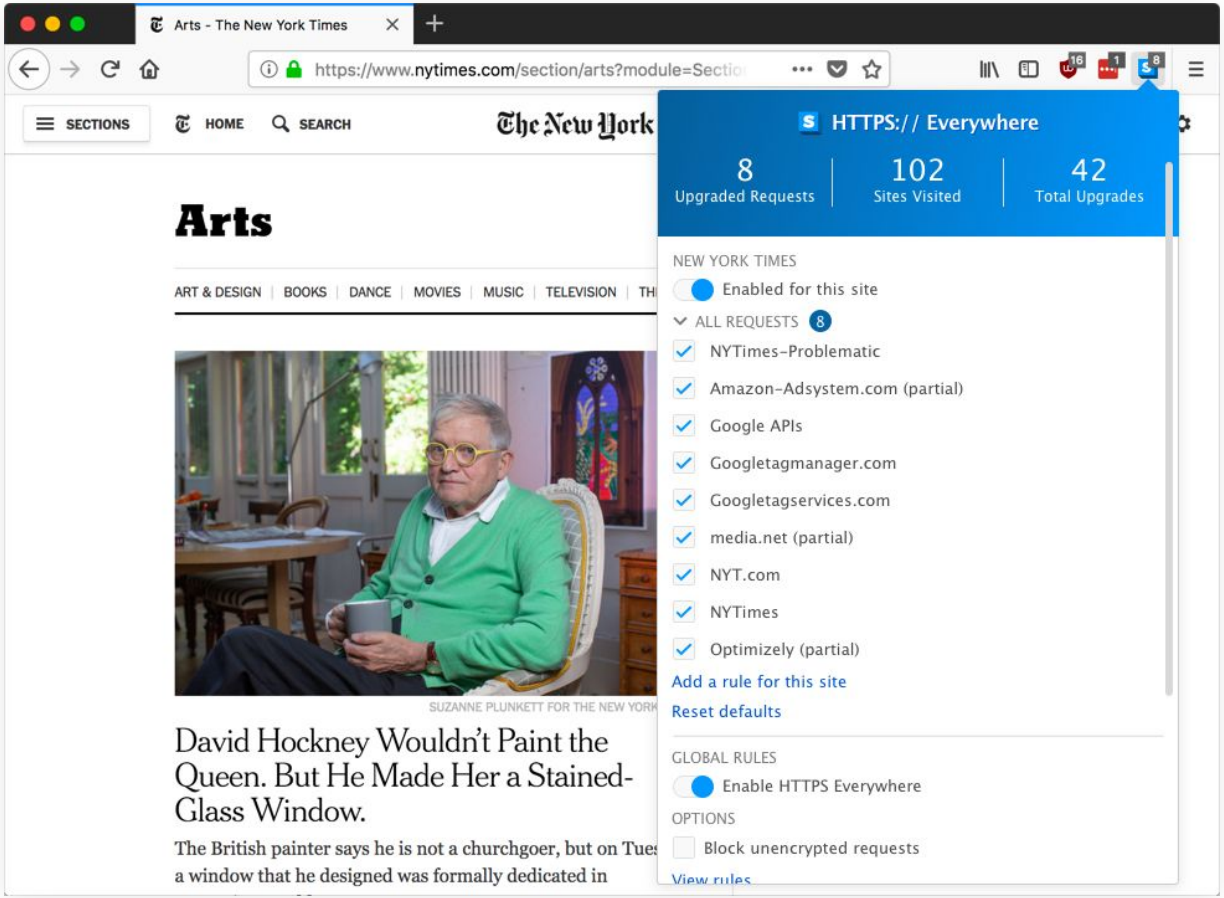
INTERACTIONS

URL Loaded

ENABLED, URL LOADED

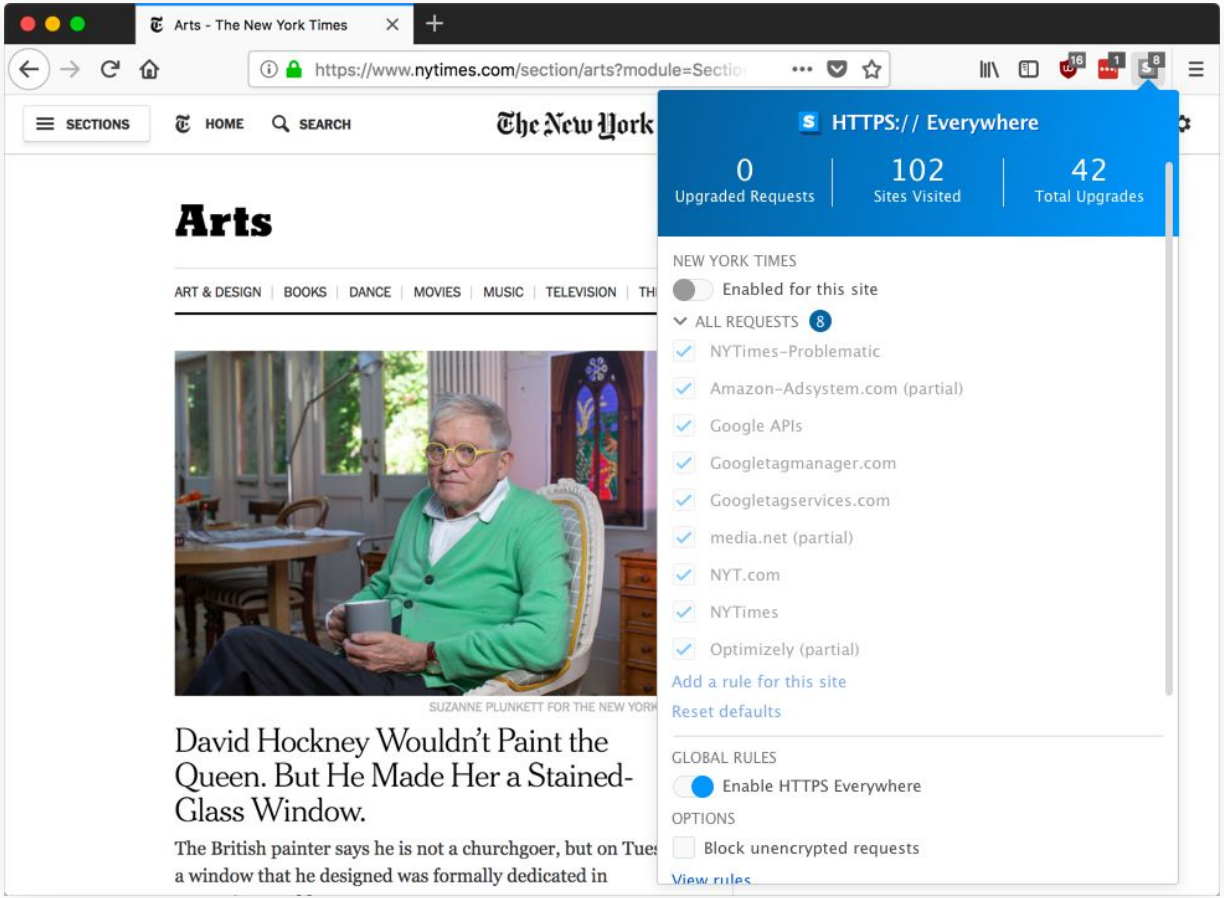
When the panel is opened on a webpage, a new metric is added that shows how many upgrades have happened in addition to the aggregate numbers.

All of the requests are shown in an accordion section with a badge indicating the amount of requests inside. This is important in the case that there have been, for example, 8 upgraded requests but 16 potential requests are possible.



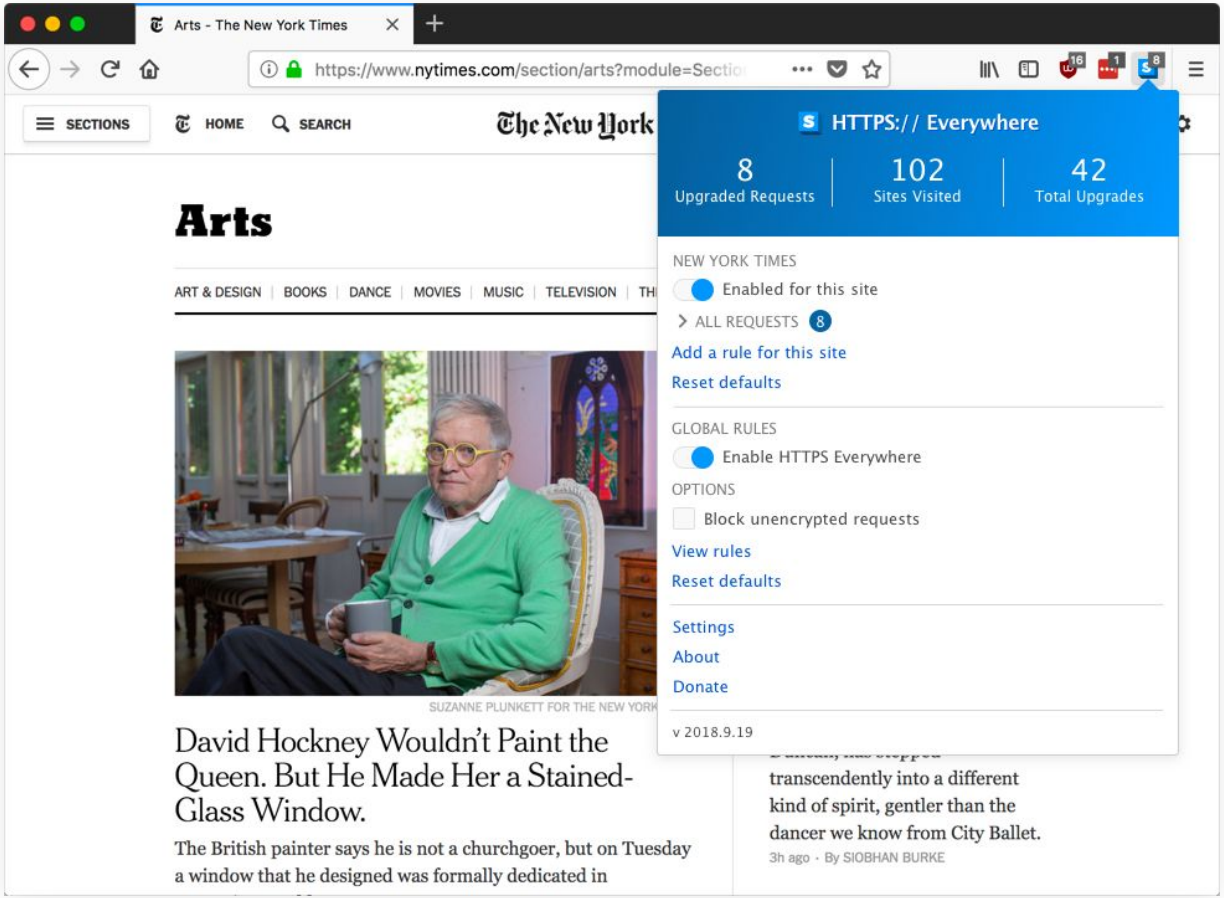
DISABLED, URL LOADED

When the extension is disabled, the icon becomes grey and the toggle UI text reads “Disabled”. All of the potential upgrades are disabled but visible with the hypothesis that by seeing the available upgrades a user will be able to make a more educated decision whether they want to re-enable HTTPS Everywhere.

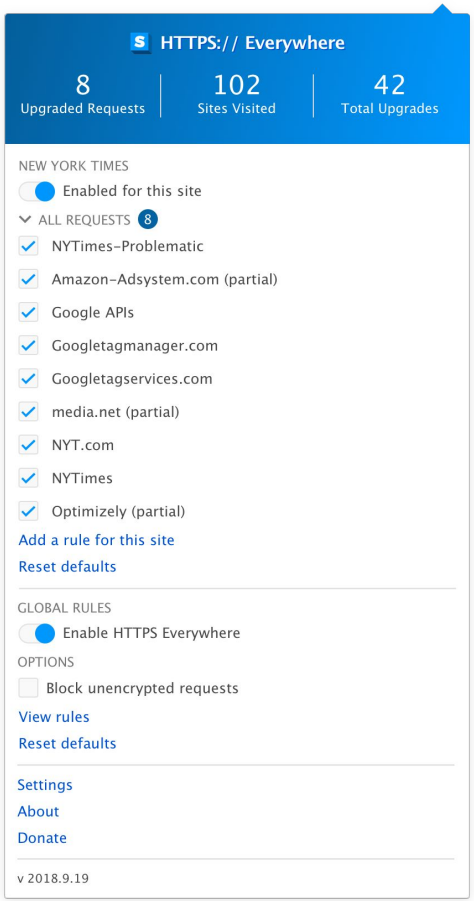
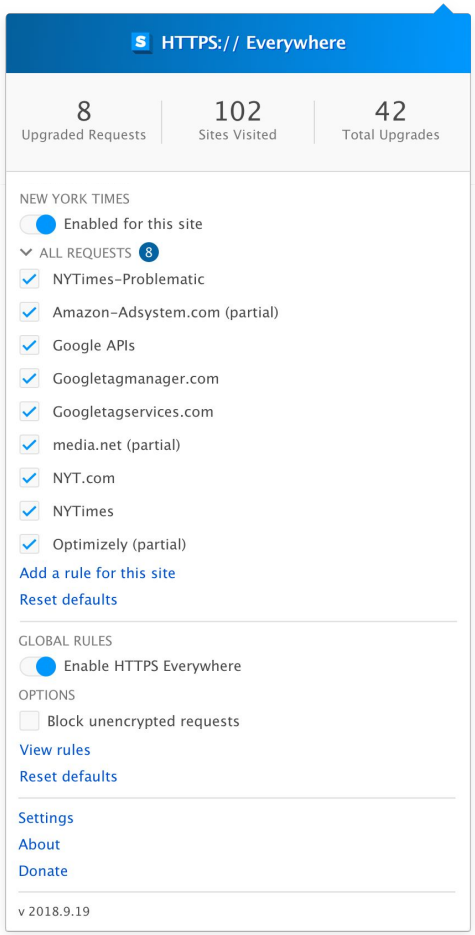


ACCORDION COLLAPSED

Collapsing the accordion allows all of the content in the panel to fit in the viewport. The number indicator tells the user how many URLs are inside of the section.



HTTPS EVERYWHERE

Alternative Design

DESIGN OPTIONS