Beta Presentation
Improve High Contrast Mode for Firefox
The Capstone Experience
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Project Overview

- High contrast mode (HCM) makes Firefox’s UI easier to read.
- HCM helps users with visual impairments get the full Firefox experience.
- While HCM is an essential feature for making the Firefox more accessible, there is still more that can be done to make HCM even better.
- Each team member is assigned various bugs to work on in order to improve HCM.
System Architecture

Firefox Toolkit

Platform

Coordinate and work closely with...

.content

Fire starts here

Operating Systems

macOS

Linux

Mozilla Codebase

Mercurial

JavaScript

CSS

Operating Systems
PiP Bug: Before the Fix
Popup checkbox bug: Before the Fix
Focus Ring bug: Before the Fix
Screen Mockup: Making the Buttons of the Bad SSL Page to Have Correct Border and Color in White HCM
What’s left to do?

• Stretch Goals
  ▪ The context menu text is not visible while navigate through the menu with high contrast white on Windows 7
  ▪ Tabs bar buttons lacks contrast in high contrast mode
  ▪ Download Panel doesn't show progress bar in high contrast
  ▪ "Remember this decision" checkbox and on button hover effects are not visible

• Other Tasks
  ▪ Fix as many bugs as we can
  ▪ Transition remaining bugs to the new assignees
Questions?