

How to Hard Refresh Your Browser

If using Chrome

Windows:

To hard refresh on Google Chrome on Windows:

1. Hold down the '**Ctrl**' key and click the Reload button.
2. Or hold down the '**Ctrl**' key, then press the '**F5**' key.

Mac:

To hard refresh on Google Chrome on Mac:

1. Hold down the '**Shift**' key and click the Reload button.
 2. Or hold down the '**Command**' key and '**Shift**' key, then press the '**R**' key.
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If using Firefox

Windows:

To hard refresh on Firefox on Windows:

1. Hold down the '**Ctrl**' key and '**Shift**' key, then press the '**R**' key.
2. Or hold down the '**Ctrl**' key, then press the '**F5**' key.

Mac:

To hard refresh on Firefox on Mac:

1. Hold down the '**Command**' key and '**Shift**' key, then press the '**R**' key.
2. Or hold down the '**Shift**' key and click the Reload button.

If using Microsoft Edge/Internet Explorer

Doing a hard refresh on Edge/Internet Explorer uses the same commands across the different operating systems.

To hard refresh on Edge/Internet Explorer:

1. Hold down the '**Ctrl**' key, then press the '**F5**' key.
 2. Or hold down the '**Ctrl**' key and click the Reload button.
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If using Safari

To hard refresh on Safari:

1. Hold down the '**Option**' key and '**Command**' key, then press the '**E**' key.