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.

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.