

# Converting Colors

Hex(C2410F)

Have a look what the booklet for  
Hex(C2410F) contains.

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**Color**

**Hex(C2410F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2410F
RGB	194, 65, 15
RGB Percent	76%, 25%, 6%
CMY	0.2392, 0.7451, 0.9412
CMYK	0.00, 0.66, 0.92, 0.24
HSL	17°, 86%, 41%
HSV	17°, 92%, 76%
XYZ	24.2247, 15.2844, 2.1253
YIQ	97.8710, 92.9340, 11.7980

# Conversions

## Conversions Part 2

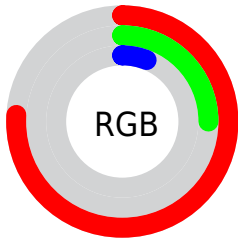
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 84, 15
Decimal	12730639
CIELab	46.02, 49.68, 53.08
CIElCh	46, 72.704, 46.897
Yxy	15.2844, 0.5818, 0.3671
Android (android.graphics.Color)	4290920719 (0xFFC2410F)
YUV	97.8710, -40.8554, 84.3051
Hunter-Lab	39.0953, 42.1874, 24.1435

# Details

The Hex color **C2410F** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **0F90C2**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF7742**, and **840000** is the 20% darker color. If you saturate the color by 10%, you get **C23600**, and if you desaturate by 10%, it is **C24F22**.

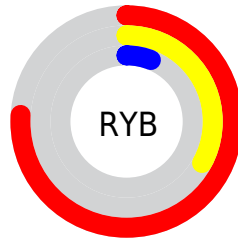
# Distribution



Red (76%)

Green (25%)

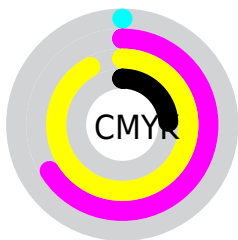
Blue (6%)



Red (76%)

Yellow (33%)

Blue (6%)

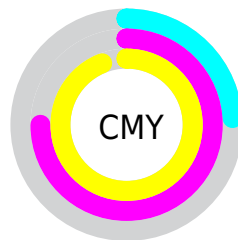


Cyan (0%)

Magenta (66%)

Yellow (92%)

Black (24%)



Cyan (24%)

Magenta (75%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2410F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C2410F by changing the saturation by 10% instead.



 C2410F

 C2410F

FFFFFF

 A32400

 FF7742

 840000

 FF925B

 650000

 FFAE75

 480000

 FFCA8F

 2D0001

 FFE7AA

 000000

 FFFFC6

 FFFF E2

 C2410F

 C2410F

 C23600

 C24F22

 C25D36

 C26B49

 C2795D

 C28770

 C29583

 C2A397

 C2B1AA

 C2BFBE

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D5174E



C2410F



9A6100

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C2410F



00854F



0069E3

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C2410F



0F90C2

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



007CE5



C2410F



00878F

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C2410F



008000



0085C6



9849C1

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2410F



786F00



0085C6



0071E8



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C2410F



FCCAB6



C20F92



806054



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



C2410F



FC4700



C2980F



615A57



A12D00



210900

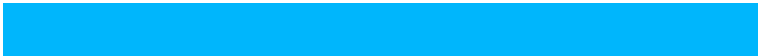


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



0F90C2



00B6FC



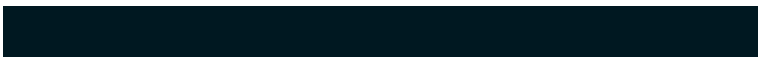
0F39C2



575E61



0074A1



001821



# Previews

## White Background



This preview shows how the Hex color C2410F looks on a white background.

## Color Contrast Check

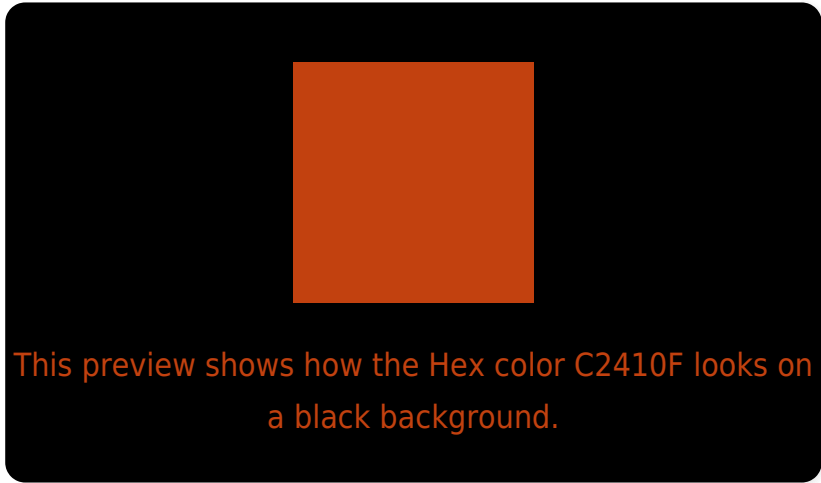
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2410F Background



This preview shows how black text looks on a background with the Hex color C2410F.



This preview shows how white text looks on a background with the Hex color C2410F.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
C2410F

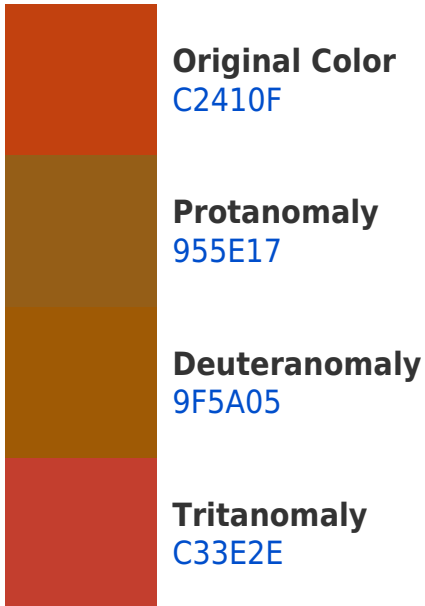
**Protanopia**  
7B6E1B

**Deuteranopia**  
8B6800

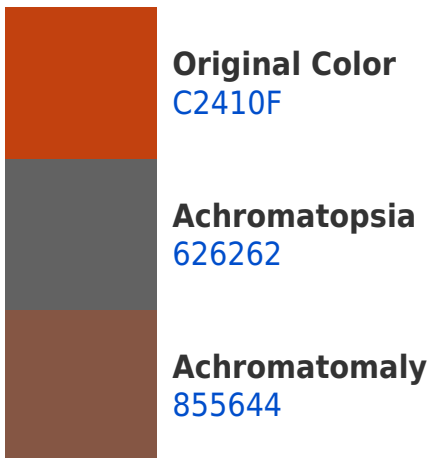


**Tritanopia**  
C33D40

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2410F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C2410F looks like.

```
.text, #text, p{  
    color:#C2410F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C2410F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2410F
}
```

## Border

The CSS property to change the border of an element to Hex C2410F is called "border". The border property can be set on classes, ids or directly on the HTML element.

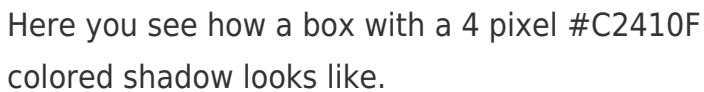
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C2410F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C2410F }
```

If you want to add a box shadow in that color use:

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #C2410F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2410F; -webkit-box-shadow:4px 4px  
4px 4px #C2410F; box-shadow:4px 4px 4px  
4px #C2410F }
```

# Background

The CSS property to change the background color of an element to Hex C2410F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2410F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C2410F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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