

# Converting Colors

Hex(C6410D)

Have a look what the booklet for  
Hex(C6410D) contains.

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**Color**

**Hex(C6410D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6410D
RGB	198, 65, 13
RGB Percent	78%, 25%, 5%
CMY	0.2235, 0.7451, 0.9490
CMYK	0.00, 0.67, 0.93, 0.22
HSL	17°, 88%, 41%
HSV	17°, 93%, 78%
XYZ	25.2516, 15.8154, 2.1025
YIQ	98.8390, 95.9600, 12.0240

# Conversions

## Conversions Part 2

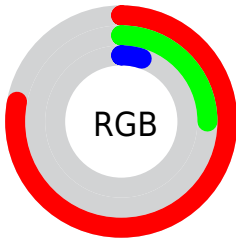
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 85, 13
Decimal	12992781
CIELab	46.73, 51.04, 54.50
CIELCh	47, 74.666, 46.880
Yxy	15.8154, 0.5849, 0.3664
Android (android.graphics.Color)	4291182861 (0xFFC6410D)
YUV	98.8390, -42.3186, 86.9642
Hunter-Lab	39.7686, 43.7461, 24.7034

# Details

The Hex color **C6410D** 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 **0D92C6**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF7741**, and **870000** is the 20% darker color. If you saturate the color by 10%, you get **C63800**, and if you desaturate by 10%, it is **C64F21**.

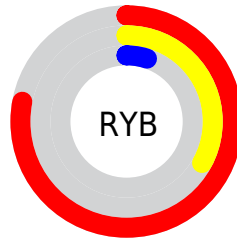
# Distribution



Red (78%)

Green (25%)

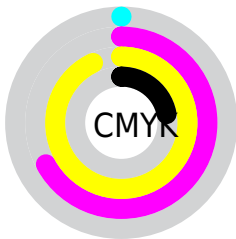
Blue (5%)



Red (78%)

Yellow (33%)

Blue (5%)

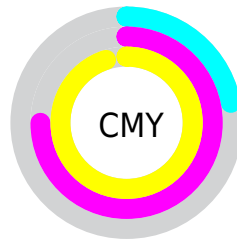


Cyan (0%)

Magenta (67%)

Yellow (93%)

Black (22%)



Cyan (22%)

Magenta (75%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6410D 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 C6410D by changing the saturation by 10% instead.



 C6410D

 C6410D

FFFFFF

 A62400

 FF7741

 870000

 FF935A

 690000

 FFAF74

 4B0000

 FFCB8E

 300002

 FFE8A9

 000000

 FFFFC5

 FFFF E2

 C6410D

 C6410D

■ C63800

■ C64F21

■ C65D35

■ C66C48

■ C67A5C

■ C68870

■ C69684

■ C6A598

■ C6B3AB

■ C6C1BF

# Harmonies

## Analogous

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



D9124F



C6410D



9D6200

# Triad

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



C6410D



008750



006BE9

# Complementary

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



C6410D



0D92C6

# 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.



007EEA



C6410D



008992

# Square

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



C6410D



008200



0087CA



9B49C6

# Rectangle

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



C6410D



7A7100



0087CA



0073ED



# Sweetspot

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



C6410D



FFCCB8



C60D95



806054



000000



808080



# Same Dimension

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



C6410D



FF4800



C69B0D



635C5A



A32E00



240A00

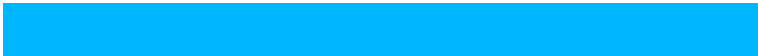


# Inverse Universe

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



0D92C6



00B7FF



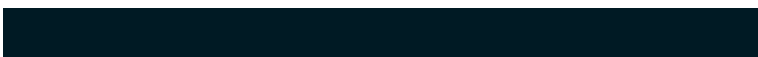
0D38C6



5A6163



0075A3



001A24



# Previews

## White Background



This preview shows how the Hex color C6410D looks on a white background.

## Color Contrast Check

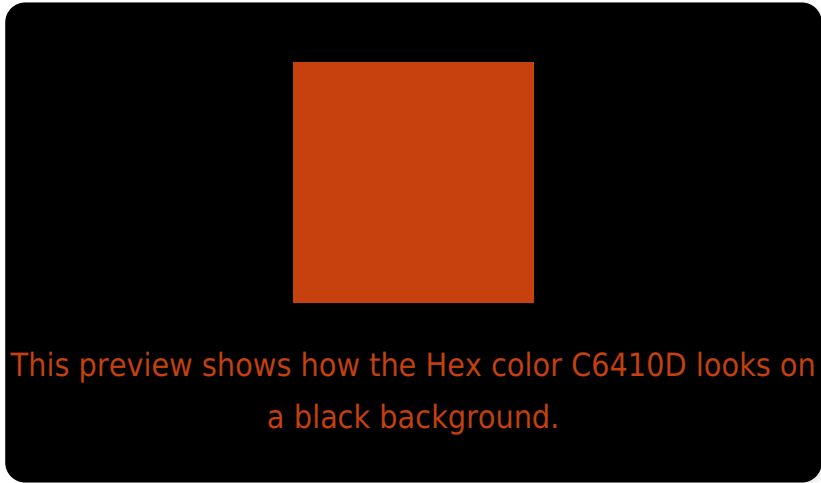
Large Text (above 18pt) WCAG AA ✓ Pass

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 C6410D Background



This preview shows how black text looks on a background with the Hex color C6410D.



This preview shows how white text looks on a background with the Hex color C6410D.

# 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**  
C6410D

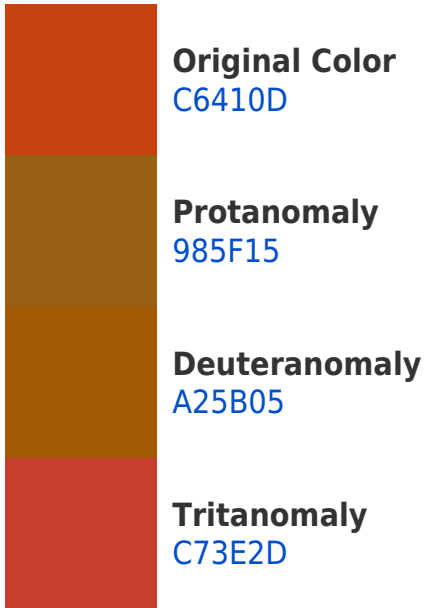
**Protanopia**  
7D701A

**Deuteranopia**  
8D6A00

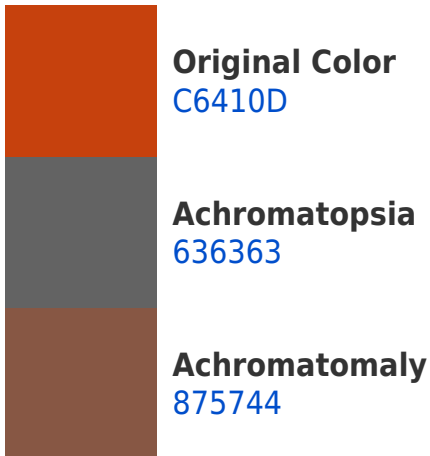


**Tritanopia**  
C73D40

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6410D 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 #C6410D looks like.

```
.text, #text, p{  
    color:#C6410D  
}
```

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 #C6410D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6410D
}
```

## Border

The CSS property to change the border of an element to Hex C6410D is called "border". The border property can be set on classes, ids or directly on the HTML element.

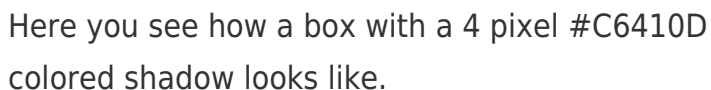
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C6410D }
```

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

```
.border{ border-color:#C6410D }
```

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 thick orange line that is 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 `#C6410D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6410D; -webkit-box-shadow:4px 4px  
4px 4px #C6410D; box-shadow:4px 4px 4px  
4px #C6410D }
```

# Background

The CSS property to change the background color of an element to Hex C6410D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6410D }
```

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

```
.background{ background-color:#C6410D }
```

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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