

# Converting Colors

Hex(C75410)

Have a look what the booklet for  
Hex(C75410) contains.

<b>Hex(C75410)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C75410)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C75410
RGB	199, 84, 16
RGB Percent	78%, 33%, 6%
CMY	0.2196, 0.6706, 0.9373
CMYK	0.00, 0.58, 0.92, 0.22
HSL	22°, 85%, 42%
HSV	22°, 92%, 78%
XYZ	26.8170, 18.5202, 2.6515
YIQ	110.6330, 90.3680, 3.2320

# Conversions

## Conversions Part 2

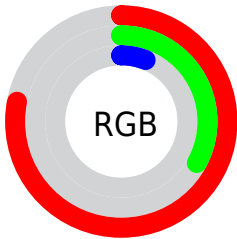
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 124, 16
Decimal	13063184
CIELab	50.12, 42.94, 56.03
CIElCh	50, 70.590, 52.538
Yxy	18.5202, 0.5588, 0.3859
Android (android.graphics.Color)	4291253264 (0xFFC75410)
YUV	110.6330, -46.6541, 77.4979
Hunter-Lab	43.0351, 35.9198, 26.4715

# Details

The Hex color **C75410** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **1083C7**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF8945**, and **891F00** is the 20% darker color. If you saturate the color by 10%, you get **C74A00**, and if you desaturate by 10%, it is **C76124**.

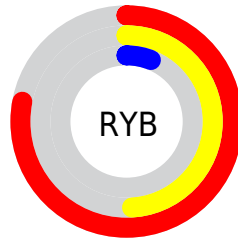
# Distribution



Red (78%)

Green (33%)

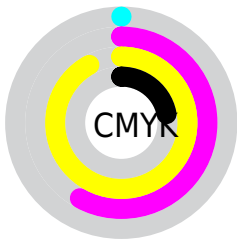
Blue (6%)



Red (78%)

Yellow (49%)

Blue (6%)

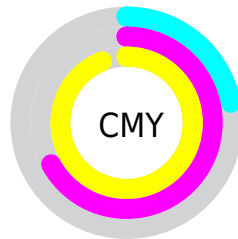


Cyan (0%)

Magenta (58%)

Yellow (92%)

Black (22%)



Cyan (22%)

Magenta (67%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C75410 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 C75410 by changing the saturation by 10% instead.



 C75410

 C75410

FFFFFF

 A83A00

 FF8945

 891F00

 FFA45F

 6B0000

 FFC079

 4D0000

 FFDC94

 340002

 FFF9AF

 010000

 FFFFCB

 000000

 FFFFE7

 C75410

 C75410

■ C74A00

■ C76124

■ C76D38

■ C77A4C

■ C78660

■ C79374

■ C79F87

■ C7AC9B

■ C7B8AF

■ C7C5C3

# Harmonies

## Analogous

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



DE344D



C75410



9D6F00

# Triad

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



C75410



009066



4D6EE7

# Complementary

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



C75410



1083C7

# 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.



0083EF



C75410



0091A4

# Square

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



C75410



008C25



008ED6



AF4EC1

# Rectangle

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



C75410



797D00



008ED6



0076EE



# Sweetspot

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



C75410



FFD2B8



C71084



806454



000000



808080



# Same Dimension

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



C75410



FF5F00



C7AF10



635D5A



A33D00



240D00

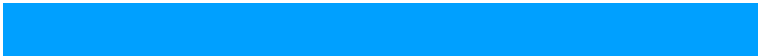


# Inverse Universe

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



1083C7



00A0FF



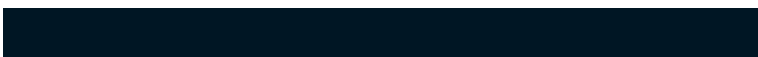
1028C7



5A6063



0067A3



001624



# Previews

## White Background



This preview shows how the Hex color C75410 looks on a white background.

## Color Contrast Check

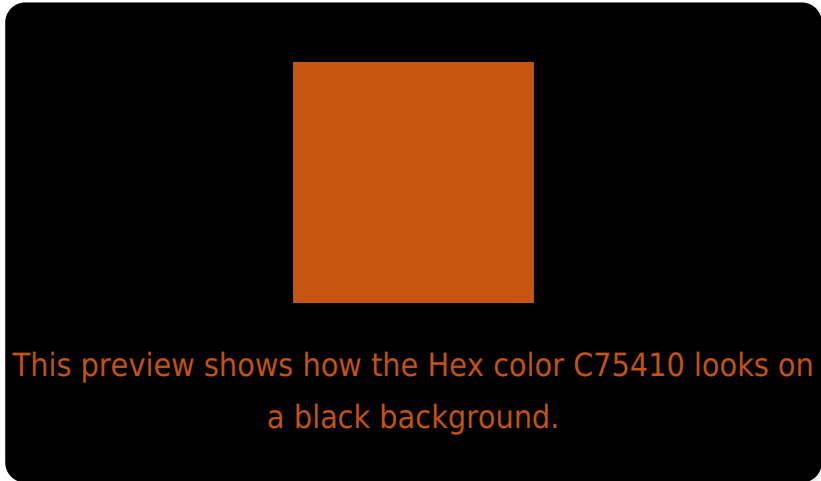
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex C75410 Background



This preview shows how black text looks on a background with the Hex color C75410.



This preview shows how white text looks on a background with the Hex color C75410.

# 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**  
C75410

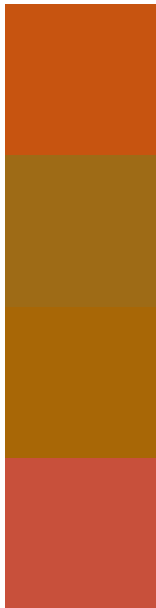
**Protanopia**  
87781A

**Deuteranopia**  
977200



**Tritanopia**  
C94E53

# Trichromacy



**Original Color**  
C75410

**Protanomaly**  
9E6B16

**Deuteranomaly**  
A86706

**Tritanomaly**  
C8503B

# Monochromacy



**Original Color**  
C75410

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
8F654C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C75410 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 #C75410 looks like.

```
.text, #text, p{  
    color:#C75410  
}
```

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 #C75410 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C75410
}
```

## Border

The CSS property to change the border of an element to Hex C75410 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
#C75410 }
```

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

```
.border{ border-color:#C75410 }
```

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

Here you see how a box with a 4 pixel #C75410 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C75410; -webkit-box-shadow:4px 4px  
4px 4px #C75410; box-shadow:4px 4px 4px  
4px #C75410 }
```

# Background

The CSS property to change the background color of an element to Hex C75410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C75410 }
```

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

```
.background{ background-color:#C75410 }
```

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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