

# Converting Colors

Hex(C75D2C)

Have a look what the booklet for  
Hex(C75D2C) contains.

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**Color**

**Hex(C75D2C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C75D2C
RGB	199, 93, 44
RGB Percent	78%, 36%, 17%
CMY	0.2196, 0.6353, 0.8275
CMYK	0.00, 0.53, 0.78, 0.22
HSL	19°, 64%, 48%
HSV	19°, 78%, 78%
XYZ	27.9222, 20.1527, 4.8011
YIQ	119.1080, 78.9050, 7.2330

# Conversions

## Conversions Part 2

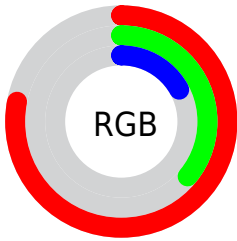
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">199, 116, 44</a>
Decimal	<a href="#">13065516</a>
CIELab	<a href="#">52.01, 39.24, 46.60</a>
CIElCh	<a href="#">52, 60.921, 49.901</a>
Yxy	<a href="#">20.1527, 0.5281, 0.3811</a>
Android (android.graphics.Color)	<a href="#">4291255596</a> ( <a href="#">0xFFC75D2C</a> )
YUV	<a href="#">119.1080, -37.0282, 70.0653</a>
Hunter-Lab	<a href="#">44.8917, 32.4646, 25.0833</a>

# Details

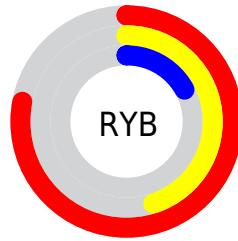
The Hex color **C75D2C** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **2C96C7**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF925D**, and **8A2A00** is the 20% darker color. If you saturate the color by 10%, you get **C74F18**, and if you desaturate by 10%, it is **C76B40**.

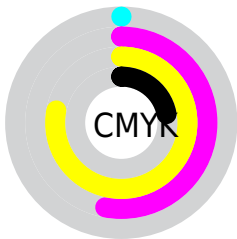
# Distribution



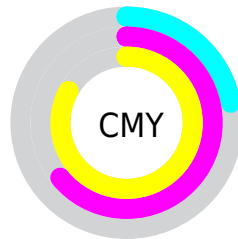
- Red (78%)
- Green (36%)
- Blue (17%)



- Red (78%)
- Yellow (45%)
- Blue (17%)



- Cyan (0%)
- Magenta (53%)
- Yellow (78%)
- Black (22%)



- Cyan (22%)
- Magenta (64%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C75D2C 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 C75D2C by changing the saturation by 10% instead.



 C75D2C

 C75D2C

FFFFFF

 A84413

 FF925D

 8A2A00

 FFAD76

 6D0E00

 FFC991

 500000

 FFE5AC

 350001

 FFFFFC7

 0C0000

 FFFFFE4

 000000

 C75D2C

 C75D2C

 C74F18

 C76B40

 C74204

 C77854

 C73F00

 C78668

 C7937C

 C7A190

 C7AFA3

 C7BCB7

 C7CACB

 C7D7DF

# Harmonies

## Analogous

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



D8495C



C75D2C



A37300

# Triad

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



C75D2C



009368



5576DF

# Complementary

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



C75D2C



2C96C7

# 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.



0087E3



C75D2C



00949E

# Square

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



C75D2C



2E8E33



0091CB



A95EC0

# Rectangle

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



C75D2C



857F00



0091CB



067CE4

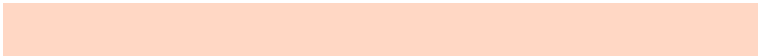


# Sweetspot

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



C75D2C



FFD7C4



C72C99



80675C



000000



808080



# Same Dimension

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



C75D2C



FF5D12



C7A82C



635D5A



A33400



240B00

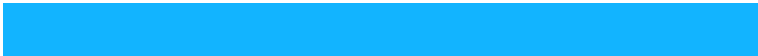


# Inverse Universe

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



2C96C7



12B4FF



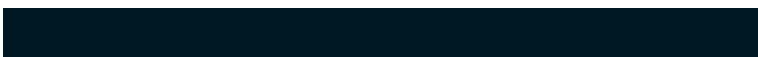
2C4BC7



5A6063



0070A3

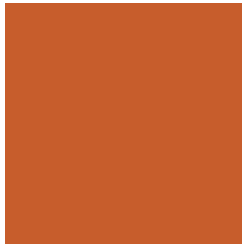


001824



# Previews

## White Background



This preview shows how the Hex color C75D2C 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 C75D2C Background



This preview shows how black text looks on a background with the Hex color C75D2C.




This preview shows how white text looks on a background with the Hex color C75D2C.

# 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





**Tritanopia**  
C9585D

# Trichromacy



**Original Color**  
C75D2C

**Protanomaly**  
A17132

**Deuteranomaly**  
AC6D27

**Tritanomaly**  
C85A4B

# Monochromacy



**Original Color**  
C75D2C

**Achromatopsia**  
777777

**Achromatomaly**  
946E5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C75D2C 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 #C75D2C looks like.

```
.text, #text, p{  
    color:#C75D2C  
}
```

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 #C75D2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C75D2C
}
```

## Border

The CSS property to change the border of an element to Hex C75D2C 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
#C75D2C }
```

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

```
.border{ border-color:#C75D2C }
```

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

Here you see how a box with a 4 pixel #C75D2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C75D2C; -webkit-box-shadow:4px 4px  
4px 4px #C75D2C; box-shadow:4px 4px 4px  
4px #C75D2C }
```

# Background

The CSS property to change the background color of an element to Hex C75D2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C75D2C }
```

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

```
.background{ background-color:#C75D2C }
```

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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