

# Converting Colors

Hex(C75F2E)

Have a look what the booklet for  
Hex(C75F2E) contains.

<b>Hex(C75F2E)</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(C75F2E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C75F2E
RGB	199, 95, 46
RGB Percent	78%, 37%, 18%
CMY	0.2196, 0.6275, 0.8196
CMYK	0.00, 0.52, 0.77, 0.22
HSL	19°, 62%, 48%
HSV	19°, 77%, 78%
XYZ	28.1385, 20.5238, 5.0632
YIQ	120.5100, 77.7130, 6.8090

# Conversions

## Conversions Part 2

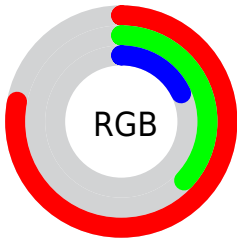
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 118, 46
Decimal	13066030
CIE Lab	52.42, 38.31, 46.05
CIE LCh	52, 59.903, 50.245
Yxy	20.5238, 0.5237, 0.3820
Android (android.graphics.Color)	4291256110 (0xFFC75F2E)
YUV	120.5100, -36.7334, 68.8357
Hunter-Lab	45.3032, 31.5886, 25.0858

# Details

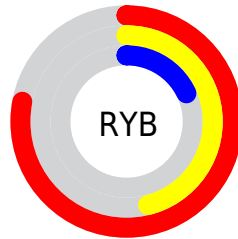
The Hex color **C75F2E** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **2E96C7**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF945F**, and **8B2C00** is the 20% darker color. If you saturate the color by 10%, you get **C7511A**, and if you desaturate by 10%, it is **C76D42**.

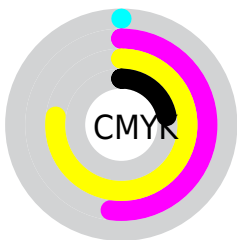
# Distribution



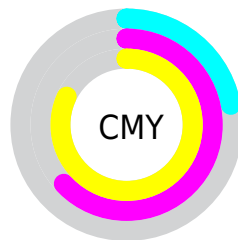
- Red (78%)
- Green (37%)
- Blue (18%)



- Red (78%)
- Yellow (46%)
- Blue (18%)



- Cyan (0%)
- Magenta (52%)
- Yellow (77%)
- Black (22%)



- Cyan (22%)
- Magenta (63%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C75F2E 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 C75F2E by changing the saturation by 10% instead.



 C75F2E

 C75F2E

FFFFFF

 A94616

 FF945F

 8B2C00

 FFAF78

 6D1100

 FFCB93

 500000

 FFE7AE

 350000

 FFFFFC9

 0E0000

 FFFFFE6

 000000

 C75F2E

 C75F2E

 C7511A

 C76D42

 C74406

 C77A56

 C74000

 C7886A

 C7957E

 C7A392

 C7B0A5

 C7BEB9

 C7CBCD

 C7D9E1

# Harmonies

## Analogous

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



D84B5D



C75F2E



A47500

# Triad

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



C75F2E



00946A



5977DE

# Complementary

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



C75F2E



2E96C7

# 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.



0088E3



C75F2E



00959F

# Square

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



C75F2E



308F36



0092CB



AA5FBF

# Rectangle

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



C75F2E



868000



0092CB



1C7DE3



# Sweetspot

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



C75F2E



FFD7C4



C72E97



80675C



000000



808080



# Same Dimension

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



C75F2E



FF6014



C7AB2E



635D5A



A33400



240B00



# Inverse Universe

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



2E96C7



14B4FF



2E4AC7



5A6063



006FA3



001824



# Previews

## White Background



This preview shows how the Hex color C75F2E looks on a white background.

## Color Contrast Check

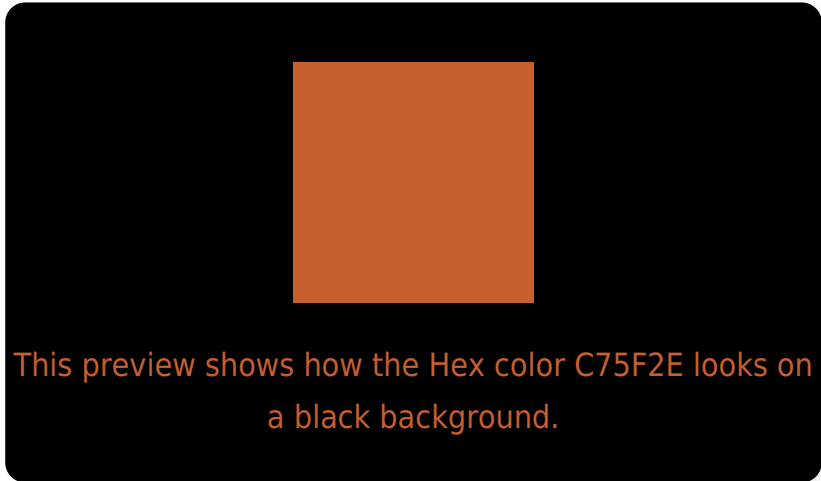
Large Text (above 18pt) WCAG AA ✓ Pass

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 C75F2E Background



This preview shows how black text looks on a background with the Hex color C75F2E.



This preview shows how white text looks on a background with the Hex color C75F2E.

# 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**  
C75F2E

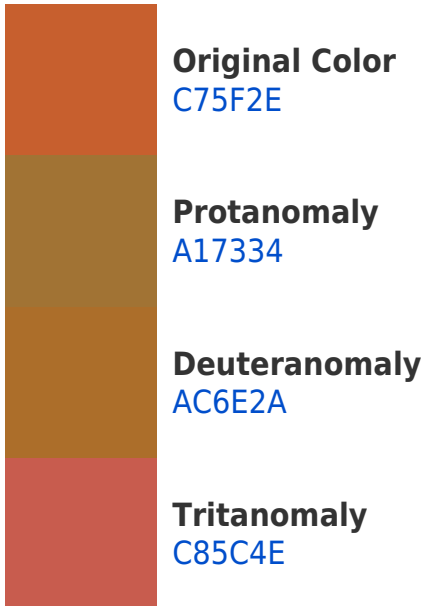
**Protanopia**  
8C7E37

**Deuteranopia**  
9D7727



**Tritanopia**  
C95A60

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C75F2E 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 #C75F2E looks like.

```
.text, #text, p{  
    color:#C75F2E  
}
```

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 #C75F2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C75F2E
}
```

## Border

The CSS property to change the border of an element to Hex C75F2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

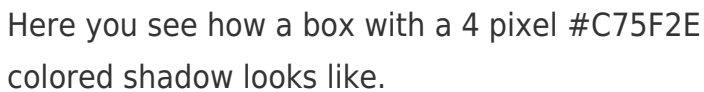
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C75F2E }
```

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

```
.border{ border-color:#C75F2E }
```

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, and is positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel `#C75F2E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C75F2E; -webkit-box-shadow:4px 4px  
4px 4px #C75F2E; box-shadow:4px 4px 4px  
4px #C75F2E }
```

# Background

The CSS property to change the background color of an element to Hex C75F2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C75F2E }
```

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

```
.background{ background-color:#C75F2E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor