

Converting Colors

Hex(CE5F38)

Have a look what the booklet for
Hex(CE5F38) contains.

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Color

Hex(CE5F38)

Conversions

Conversions Part 1

Format	Color
Hex	CE5F38
RGB	206, 95, 56
RGB Percent	81%, 37%, 22%
CMY	0.1922, 0.6275, 0.7804
CMYK	0.00, 0.54, 0.73, 0.19
HSL	16°, 60%, 51%
HSV	16°, 73%, 81%
XYZ	30.2596, 21.5918, 6.3141
YIQ	123.7430, 78.6750, 11.4030

Conversions

Conversions Part 2

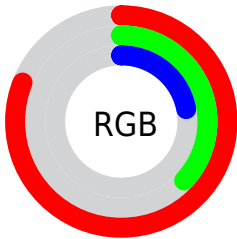
Format	Color
R _Y B	206, 109, 56
Decimal	13524792
CIE Lab	53.59, 41.45, 42.57
CIE LCh	54, 59.417, 45.765
Yxy	21.5918, 0.5202, 0.3712
Android (android.graphics.Color)	4291714872 (0xFFCE5F38)
YUV	123.7430, -33.3973, 72.1394
Hunter-Lab	46.4669, 34.9234, 24.4702

Details

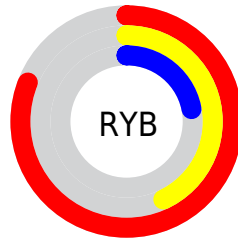
The Hex color **CE5F38** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **38A7CE**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF9469**, and **912B08** is the 20% darker color. If you saturate the color by 10%, you get **CE5023**, and if you desaturate by 10%, it is **CE6E4D**.

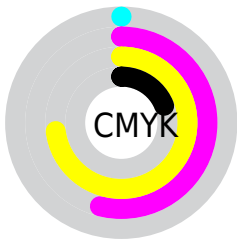
Distribution



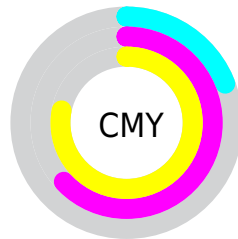
- Red (81%)
- Green (37%)
- Blue (22%)



- Red (81%)
- Yellow (43%)
- Blue (22%)



- Cyan (0%)
- Magenta (54%)
- Yellow (73%)
- Black (19%)



- Cyan (19%)
- Magenta (63%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE5F38 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 CE5F38 by changing the saturation by 10% instead.


 CE5F38

 CE5F38

FFFFFF

 AF4521

 FF9469

 912B08

 FFAF82

 740E00

 FFCB9D

 560000

 FFE8B8

 3B0000

 FFFFD4

 1B0001

 FFFFF1

 000000

 CE5F38

 CE5F38

 CE5023

 CE6E4D

 CE410F

 CE7D61

 CE3600

 CE8D76

 CE9C8A

 CEAB9F

 CEBAB4

 CECAC8

 CED9DD

 CEE8F1

Harmonies

Analogous

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



DC4E67



CE5F38



AD750D

Triad

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



CE5F38



009665



4A7DE3

Complementary

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



CE5F38



38A7CE

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.



008DE3



CE5F38



00989A

Square

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



CE5F38



439133



0095C9



A466C8

Rectangle

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



CE5F38



908100



0095C9



0083E6

Sweetspot

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



CE5F38



FFD5C7



CE38A9



80675E



000000



808080

Same Dimension

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



CE5F38



FF5B21



CEA938



665E5C



A62B00



260A00

Inverse Universe

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



38A7CE



21C5FF



385ECE



5C6366



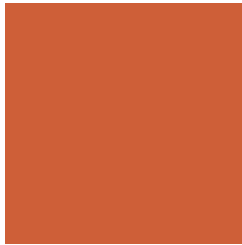
007BA6



001C26

Previews

White Background



This preview shows how the Hex color CE5F38 looks on a white background.

Color Contrast Check

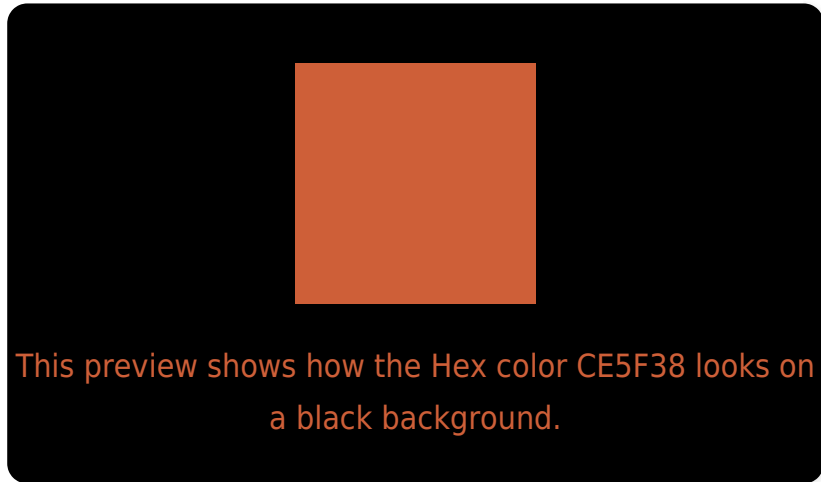
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE5F38 Background



This preview shows how black text looks on a background with the Hex color CE5F38.



This preview shows how white text looks on a background with the Hex color CE5F38.

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
CE5F38

Protanopia
8E8143

Deuteranopia
A07A31



Tritanopia
D05A60

Trichromacy



Original Color
CE5F38

Protanomaly
A5753F

Deuteranomaly
B17034

Tritanomaly
CF5C51

Monochromacy



Original Color
CE5F38

Achromatopsia
7C7C7C

Achromatomaly
9A7163

CSS Examples

Text

The CSS property to change the color of the text to Hex CE5F38 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 #CE5F38 looks like.

```
.text, #text, p{  
    color:#CE5F38  
}
```

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 #CE5F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE5F38
}
```

Border

The CSS property to change the border of an element to Hex CE5F38 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
#CE5F38 }
```

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

```
.border{ border-color:#CE5F38 }
```

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

Here you see how a box with a 4 pixel #CE5F38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE5F38; -webkit-box-shadow:4px 4px  
4px 4px #CE5F38; box-shadow:4px 4px 4px  
4px #CE5F38 }
```

Background

The CSS property to change the background color of an element to Hex CE5F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE5F38 }
```

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

```
.background{ background-color:#CE5F38 }
```

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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