

# Converting Colors

Hex(CE5818)

Have a look what the booklet for  
Hex(CE5818) contains.

<b>Hex(CE5818)</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(CE5818)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE5818
RGB	206, 88, 24
RGB Percent	81%, 35%, 9%
CMY	0.1922, 0.6549, 0.9059
CMYK	0.00, 0.57, 0.88, 0.19
HSL	21°, 79%, 45%
HSV	21°, 88%, 81%
XYZ	29.1082, 20.1672, 3.2226
YIQ	115.9860, 90.8720, 5.1120

# Conversions

## Conversions Part 2

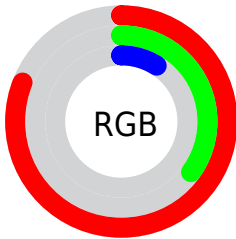
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 123, 24
Decimal	13522968
CIE Lab	52.03, 43.81, 55.42
CIE LCh	52, 70.646, 51.673
Yxy	20.1672, 0.5545, 0.3842
Android (android.graphics.Color)	4291713048 (0xFFCE5818)
YUV	115.9860, -45.3491, 78.9423
Hunter-Lab	44.9079, 37.1104, 27.1808

# Details

The Hex color **CE5818** 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 **188ECE**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF8D4C**, and **902300** is the 20% darker color. If you saturate the color by 10%, you get **CE4B03**, and if you desaturate by 10%, it is **CE652D**.

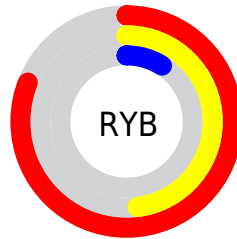
# Distribution



Red (81%)

Green (35%)

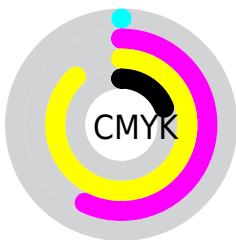
Blue (9%)



Red (81%)

Yellow (48%)

Blue (9%)

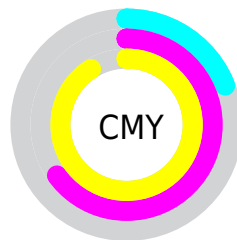


Cyan (0%)

Magenta (57%)

Yellow (88%)

Black (19%)



Cyan (19%)

Magenta (65%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE5818 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 CE5818 by changing the saturation by 10% instead.



 CE5818

 CE5818

FFFFFF

 AF3E00

 FF8D4C

 902300

 FFA865

 710000

 FFC47F

 540000

 FFE19A

 390001

 FFFEB6

 150000

 FFFFD2

 000000

 FFFFEE

 CE5818

 CE5818

■ CE4B03

■ CE652D

■ CE4800

■ CE7341

■ CE8056

■ CE8D6A

■ CE9B7F

■ CEA894

■ CEB5A8

■ CEC3BD

■ CED0D1

# Harmonies

## Analogous

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



E43A53



CE5818



A47400

# Triad

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



CE5818



009669



4E73EE

# Complementary

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



CE5818



188ECE

# 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.



0089F5



CE5818



0097A7

# Square

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



CE5818



009128



0093DB



B354C8

# Rectangle

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



CE5818



808100



0093DB



007CF4



# Sweetspot

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



CE5818



FFD2BA



CE188E



806557



000000



808080



# Same Dimension

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



CE5818



FF5A00



CEB318



665F5C



A63A00



260D00



# Inverse Universe

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



188ECE



00A5FF



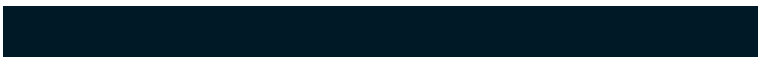
1833CE



5C6266



006BA6



001926



# Previews

## White Background



This preview shows how the Hex color CE5818 looks on a white background.

## Color Contrast Check

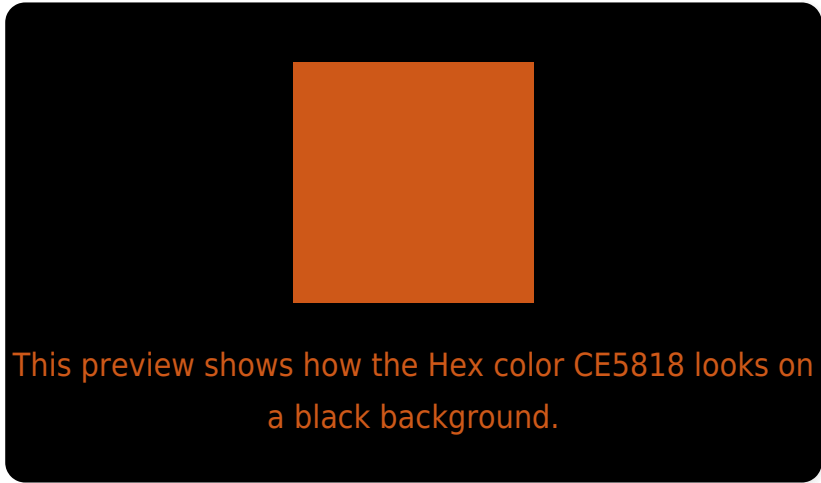
Large Text (above 18pt) WCAG AA ✓ Pass

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 CE5818 Background



This preview shows how black text looks on a background with the Hex color CE5818.



This preview shows how white text looks on a background with the Hex color CE5818.

# 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**  
CE5818

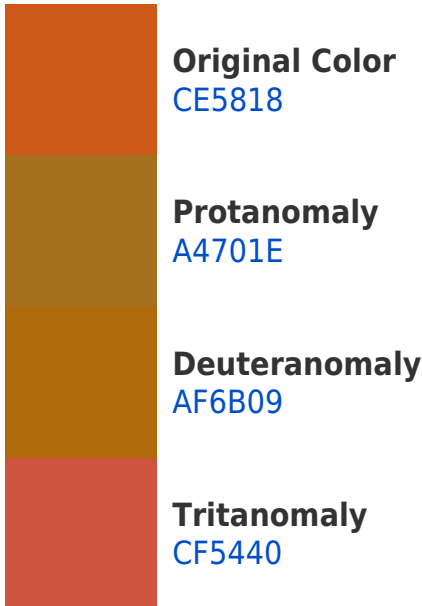
**Protanopia**  
8C7D21

**Deuteranopia**  
9E7600



**Tritanopia**  
D05257

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE5818 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 #CE5818 looks like.

```
.text, #text, p{  
    color:#CE5818  
}
```

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 #CE5818 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE5818  
}
```

## Border

The CSS property to change the border of an element to Hex CE5818 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  
#CE5818 }
```

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

```
.border{ border-color:#CE5818 }
```

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

Here you see how a box with a 4 pixel #CE5818 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE5818; -webkit-box-shadow:4px 4px  
4px 4px #CE5818; box-shadow:4px 4px 4px  
4px #CE5818 }
```

# Background

The CSS property to change the background color of an element to Hex CE5818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE5818 }
```

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

```
.background{ background-color:#CE5818 }
```

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