

# Converting Colors

Hex(C65D1E)

Have a look what the booklet for  
Hex(C65D1E) contains.

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# Color

Hex(C65D1E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C65D1E
RGB	198, 93, 30
RGB Percent	78%, 36%, 12%
CMY	0.2235, 0.6353, 0.8824
CMYK	0.00, 0.53, 0.85, 0.22
HSL	22°, 74%, 45%
HSV	22°, 85%, 78%
XYZ	27.4374, 19.9282, 3.6287
YIQ	117.2130, 82.8030, 2.6670

# Conversions

## Conversions Part 2

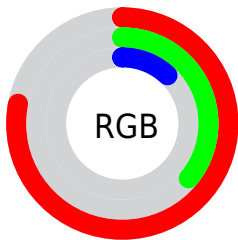
Format	Color
<a href="#">RYB</a>	<a href="#">198, 131, 30</a>
Decimal	<a href="#">12999966</a>
<a href="#">CIELab</a>	<a href="#">51.76, 38.40, 52.46</a>
<a href="#">CIElCh</a>	<a href="#">52, 65.010, 53.797</a>
<a href="#">Yxy</a>	<a href="#">19.9282, 0.5380, 0.3908</a>
Android (android.graphics.Color)	<a href="#">4291190046</a> ( <a href="#">0xFFC65D1E</a> )
<a href="#">YUV</a>	<a href="#">117.2130, -42.9960, 70.8502</a>
<a href="#">Hunter-Lab</a>	<a href="#">44.6410, 31.5884, 26.4292</a>

# Details

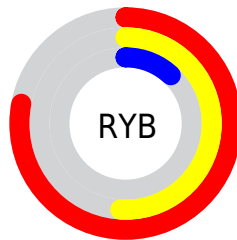
The Hex color **C65D1E** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed red. A complement of this color would be **1E87C6**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF9150**, and **892A00** is the 20% darker color. If you saturate the color by 10%, you get **C6510A**, and if you desaturate by 10%, it is **C66932**.

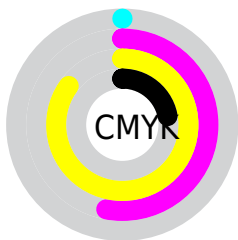
# Distribution



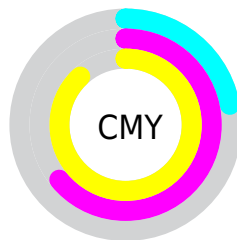
- Red (78%)
- Green (36%)
- Blue (12%)



- Red (78%)
- Yellow (51%)
- Blue (12%)



- Cyan (0%)
- Magenta (53%)
- Yellow (85%)
- Black (22%)



- Cyan (22%)
- Magenta (64%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C65D1E 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 C65D1E by changing the saturation by 10% instead.



 C65D1E

 C65D1E

FFFFFF

 A74400

 FF9150

 892A00

 FFAD6A

 6B0F00

 FFC884

 4E0000

 FFE59F

 340001

 FFFFBA

 070000

 FFFFFD7

 000000

 FFFFFF3

 C65D1E

 C65D1E

 C6510A

 C66932

 C64A00

 C67646

 C68259

 C68F6D

 C69B81

 C6A795

 C6B4A9

 C6C0BC

 C6CCD0

# Harmonies

## Analogous

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



DC4452



C65D1E



9E7500

# Triad

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



C65D1E



00946E



6072E2

# Complementary

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



C65D1E



1E87C6

# 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.



0086EB



C65D1E



0094A7

# Square

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



C65D1E



008F34



0090D5



B256BE

# Rectangle

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



C65D1E



7D8100



0090D5



2179E8



# Sweetspot

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



C65D1E



FFD7BF



C61E88



806859



000000



808080



# Same Dimension

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



C65D1E



FF6000



C6B01E



635D5A



A33D00



240D00



# Inverse Universe

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



1E87C6



009FFF



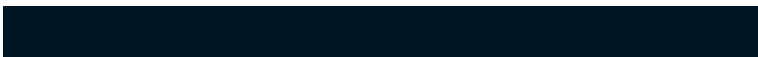
1E34C6



5A6063



0066A3



001624



# Previews

## White Background



This preview shows how the Hex color C65D1E looks on a white background.

## Color Contrast Check

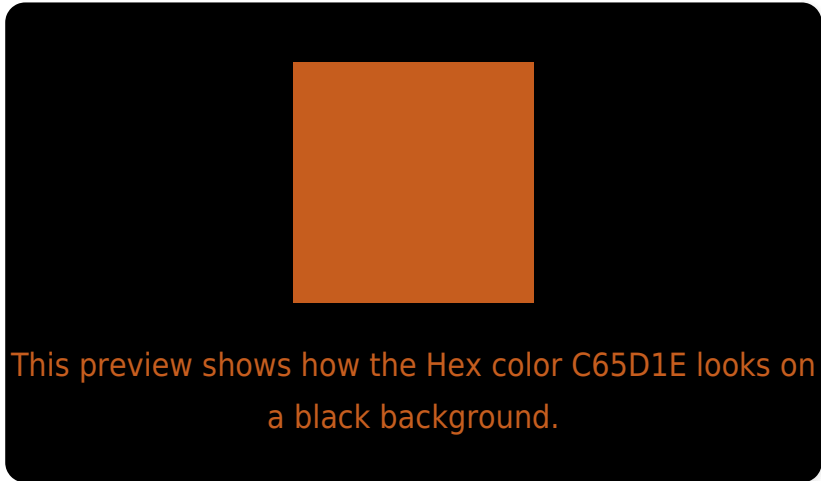
Large Text (above 18pt) WCAG AA ✓ Pass

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 C65D1E Background



This preview shows how black text looks on a background with the Hex color C65D1E.




This preview shows how white text looks on a background with the Hex color C65D1E.

# 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](#).

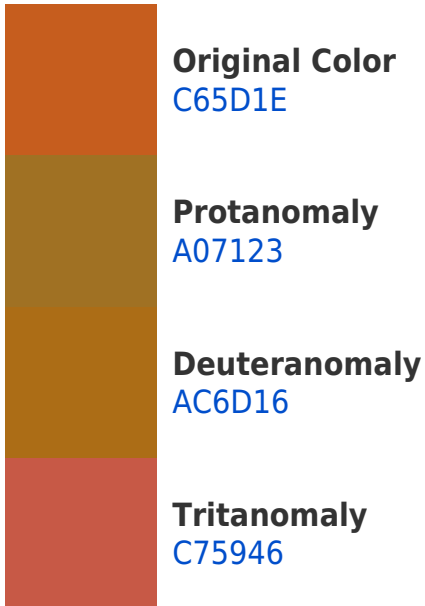
## Dichromacy





**Tritanopia**  
C8575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C65D1E 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 #C65D1E looks like.

```
.text, #text, p{  
    color:#C65D1E  
}
```

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 #C65D1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C65D1E
}
```

## Border

The CSS property to change the border of an element to Hex C65D1E 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
#C65D1E }
```

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

```
.border{ border-color:#C65D1E }
```

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

Here you see how a box with a 4 pixel #C65D1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C65D1E; -webkit-box-shadow:4px 4px  
4px 4px #C65D1E; box-shadow:4px 4px 4px  
4px #C65D1E }
```

# Background

The CSS property to change the background color of an element to Hex C65D1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C65D1E }
```

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

```
.background{ background-color:#C65D1E }
```

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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