

# Converting Colors

Hex(CE1800)

Have a look what the booklet for  
Hex(CE1800) contains.

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**Color**

**Hex(CE1800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE1800
RGB	206, 24, 0
RGB Percent	81%, 9%, 0%
CMY	0.1922, 0.9059, 1.0000
CMYK	0.00, 0.88, 1.00, 0.19
HSL	7°, 100%, 40%
HSV	7°, 100%, 81%
XYZ	25.7802, 13.7751, 1.3001
YIQ	75.6820, 116.1760, 31.1200

# Conversions

## Conversions Part 2

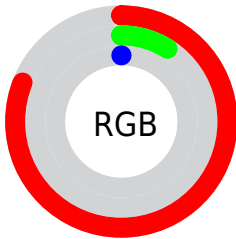
Format	Color
<a href="#">RYB</a>	<a href="#">206, 27, 0</a>
Decimal	<a href="#">13506560</a>
CIELab	<a href="#">43.91, 65.43, 57.58</a>
CIElCh	<a href="#">44, 87.158, 41.347</a>
Yxy	<a href="#">13.7751, 0.6310, 0.3372</a>
Android (android.graphics.Color)	<a href="#">4291696640 (0xFFCE1800)</a>
YUV	<a href="#">75.6820, -37.3112, 114.2889</a>
Hunter-Lab	<a href="#">37.1148, 59.0366, 23.9035</a>

# Details

The Hex color **CE1800** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00B6CE**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5D36**, and **8D0000** is the 20% darker color. If you saturate the color by 10%, you get **CE1800**, and if you desaturate by 10%, it is **CE2A15**.

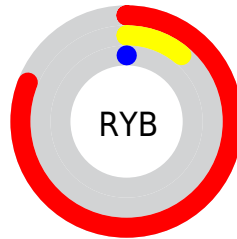
# Distribution



Red (81%)

Green (9%)

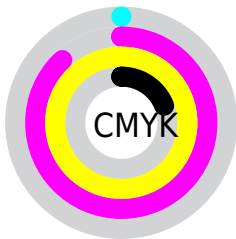
Blue (0%)



Red (81%)

Yellow (11%)

Blue (0%)

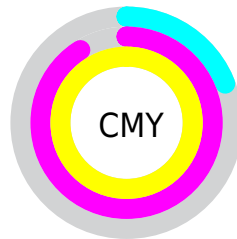


Cyan (0%)

Magenta (88%)

Yellow (100%)

Black (19%)



Cyan (19%)

Magenta (91%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE1800 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 CE1800 by changing the saturation by 10% instead.



 CE1800

 CE1800

 FFFFFF1

 AE0000

 FF5D36

 8D0000

 FF7A4F

 6E0000

 FF9768

 4F0002

 FFB482

 310002

 FFD19D

 000000

 FFEEB8

 FFFF4

 CE1800

 CE2A15

 CE3C29

 CE4F3E

 CE6152

 CE7367

 CE857C

 CE9790

 CEAAA5

 CEBCB9

# Harmonies

## Analogous

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



E00050



CE1800



A35300

# Triad

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



CE1800



008135



0069F9

# Complementary

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



CE1800



00B6CE

# 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.



007DF4



CE1800



008483

# Square

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



CE1800



007B00



0084C7



8641D7

# Rectangle

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



CE1800



7C6700



0084C7



0072FC



# Sweetspot

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



CE1800



FFBBB3



CE00B9



805752



000000



808080



# Same Dimension

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



CE1800



FF1E00



CE7C00



665D5C



A61300



260400

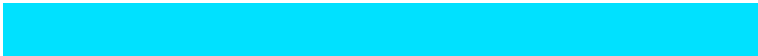


# Inverse Universe

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



00B6CE



00E1FF



0052CE



5C6566



0092A6



002226



# Previews

## White Background



This preview shows how the Hex color CE1800 looks on a white background.

## Color Contrast Check

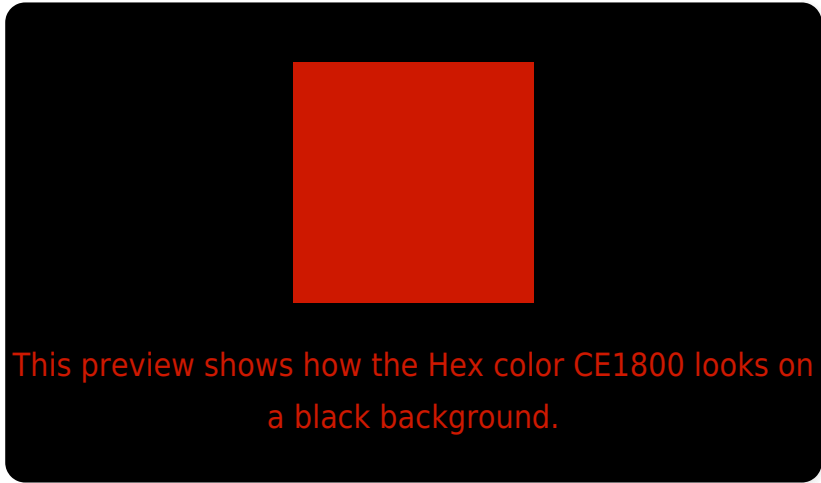
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CE1800 Background



This preview shows how black text looks on a background with the Hex color CE1800.



This preview shows how white text looks on a background with the Hex color CE1800.

# 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



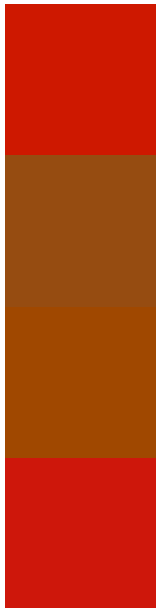
**Original Color**  
CE1800

**Protanopia**  
76691A

**Deuteranopia**  
856400



# Trichromacy



**Original Color**  
CE1800

**Protanomaly**  
964C11

**Deuteranomaly**  
A04800

**Tritanomaly**  
CE170B

# Monochromacy



**Original Color**  
CE1800

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
7B3930

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE1800 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 #CE1800 looks like.

```
.text, #text, p{  
    color:#CE1800  
}
```

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 #CE1800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE1800  
}
```

## Border

The CSS property to change the border of an element to Hex CE1800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

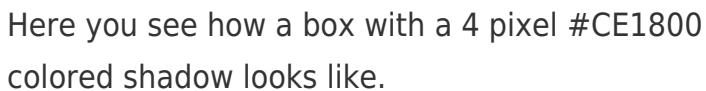
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CE1800 }
```

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

```
.border{ border-color:#CE1800 }
```

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



Here you see how a box with a 4 pixel `#CE1800` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE1800; -webkit-box-shadow:4px 4px  
4px 4px #CE1800; box-shadow:4px 4px 4px  
4px #CE1800 }
```

# Background

The CSS property to change the background color of an element to Hex CE1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE1800 }
```

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

```
.background{ background-color:#CE1800 }
```

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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