

Converting Colors

Hex(C50E00)

Have a look what the booklet for
Hex(C50E00) contains.

Hex(C50E00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C50E00)

Conversions

Conversions Part 1

Format	Color
Hex	C50E00
RGB	197, 14, 0
RGB Percent	77%, 5%, 0%
CMY	0.2275, 0.9451, 1.0000
CMYK	0.00, 0.93, 1.00, 0.23
HSL	4°, 100%, 39%
HSV	4°, 100%, 77%
XYZ	23.1830, 12.1844, 1.1299
YIQ	67.1210, 113.5620, 34.4420

Conversions

Conversions Part 2

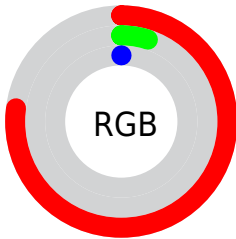
Format	Color
RYB	197, 15, 0
Decimal	12914176
CIELab	41.51, 64.52, 55.53
CIElCh	42, 85.127, 40.714
Yxy	12.1844, 0.6352, 0.3338
Android (android.graphics.Color)	4291104256 (0xFFC50E00)
YUV	67.1210, -33.0907, 113.9039
Hunter-Lab	34.9061, 57.4654, 22.5150

Details

The Hex color **C50E00** 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 **00B7C5**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF5734**, and **850000** is the 20% darker color. If you saturate the color by 10%, you get **C50E00**, and if you desaturate by 10%, it is **C52014**.

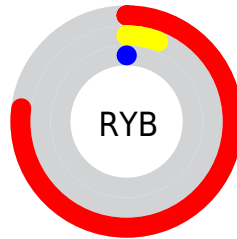
Distribution



Red (77%)

Green (5%)

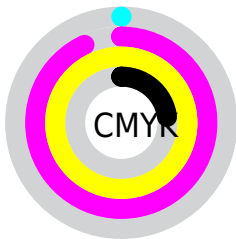
Blue (0%)



Red (77%)

Yellow (6%)

Blue (0%)

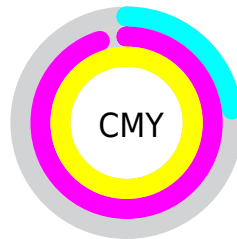


Cyan (0%)

Magenta (93%)

Yellow (100%)

Black (23%)



Cyan (23%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color C50E00 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 C50E00 by changing the saturation by 10% instead.

 C50E00

 C50E00

 FFFFEE

 A50000

 FF5734

 850000

 FF744D

 650000

 FF9166

 480003

 FFAE80

 290001

 FFCB9A

 000000

 FFE8B6

 FFFFDD

 C50E00

 C52014

 C53327

 C5453B

 C5574F

 C56A63

 C57C76

 C58E8A

 C5A09E

 C5B3B1

Harmonies

Analogous

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



D6004D



C50E00



9C4D00

Triad

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



C50E00



007A2F



0064EF

Complementary

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



C50E00



00B7C5

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.



0077E9



C50E00



007D7A

Square

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



C50E00



007500



007DBD



7D3ECE

Rectangle

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



C50E00



776000



007DBD



006CF1

Sweetspot

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



C50E00



FFB8B3



C500B8



805552



000000



808080

Same Dimension

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



C50E00



FF1200



C57000



635A5A



A30C00



240300

Inverse Universe

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



00B7C5



00EDFF



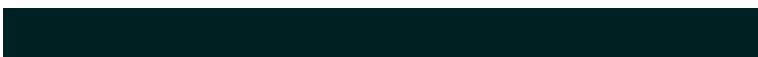
0055C5



5A6363



0098A3



002124

Previews

White Background



This preview shows how the Hex color C50E00 looks on a white background.

Color Contrast Check

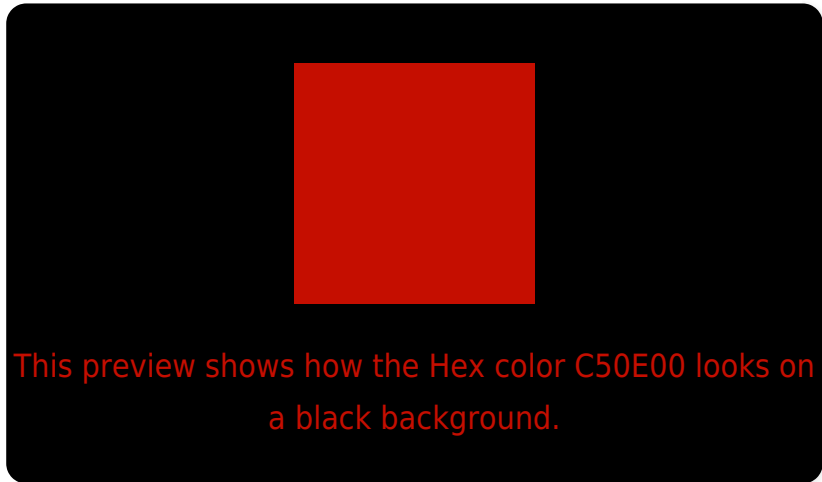
Large Text (above 18pt) WCAG AA ✓ Pass

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 C50E00 Background



This preview shows how black text looks on a background with the Hex color C50E00.



This preview shows how white text looks on a background with the Hex color C50E00.

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
C50E00

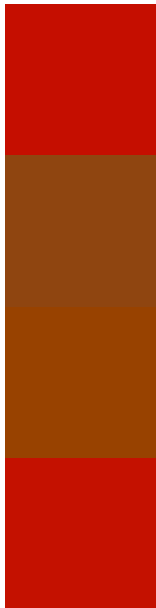
Protanopia
706419

Deuteranopia
7E5F00



Tritanopia
C41200

Trichromacy



Original Color
C50E00

Protanomaly
8F4510

Deuteranomaly
984200

Tritanomaly
C41100

Monochromacy



Original Color
C50E00

Achromatopsia
434343

Achromatomaly
72302B

CSS Examples

Text

The CSS property to change the color of the text to Hex C50E00 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 #C50E00 looks like.

```
.text, #text, p{  
    color:#C50E00  
}
```

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 #C50E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C50E00
}
```

Border

The CSS property to change the border of an element to Hex C50E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

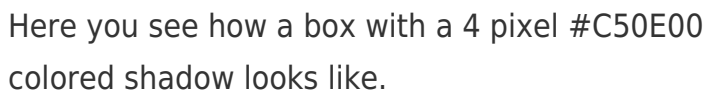
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C50E00 }
```

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

```
.border{ border-color:#C50E00 }
```

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



Here you see how a box with a 4 pixel `#C50E00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C50E00; -webkit-box-shadow:4px 4px  
4px 4px #C50E00; box-shadow:4px 4px 4px  
4px #C50E00 }
```

Background

The CSS property to change the background color of an element to Hex C50E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C50E00 }
```

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

```
.background{ background-color:#C50E00 }
```

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