

Converting Colors

Hex(C50E2C)

Have a look what the booklet for
Hex(C50E2C) contains.

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Color

Hex(C50E2C)

Conversions

Conversions Part 1

Format	Color
Hex	C50E2C
RGB	197, 14, 44
RGB Percent	77%, 5%, 17%
CMY	0.2275, 0.9451, 0.8275
CMYK	0.00, 0.93, 0.78, 0.23
HSL	350°, 87%, 41%
HSV	350°, 93%, 77%
XYZ	23.6376, 12.3662, 3.5240
YIQ	72.1370, 99.4380, 48.1260

Conversions

Conversions Part 2

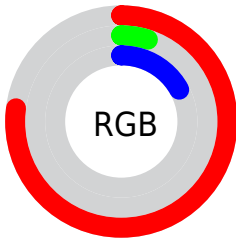
Format	Color
RYB	197, 14, 44
Decimal	12914220
CIELab	41.79, 65.33, 35.91
CIElCh	42, 74.543, 28.795
Yxy	12.3662, 0.5980, 0.3128
Android (android.graphics.Color)	4291104300 (0xFFC50E2C)
YUV	72.1370, -13.8715, 109.5049
Hunter-Lab	35.1657, 58.4440, 18.6745

Details

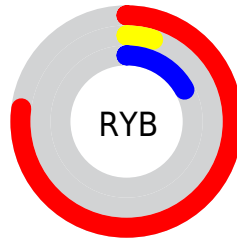
The Hex color **C50E2C** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0EC5A7**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF585A**, and **860000** is the 20% darker color. If you saturate the color by 10%, you get **C50020**, and if you desaturate by 10%, it is **C5223C**.

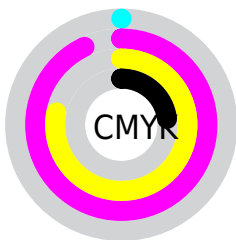
Distribution



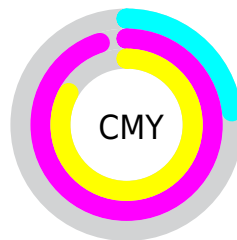
- Red (77%)
- Green (5%)
- Blue (17%)



- Red (77%)
- Yellow (5%)
- Blue (17%)



- Cyan (0%)
- Magenta (93%)
- Yellow (78%)
- Black (23%)



- Cyan (23%)
- Magenta (95%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color C50E2C 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 C50E2C by changing the saturation by 10% instead.

 C50E2C

 C50E2C

FFFFFF

 A50017

 FF585A

 860000

 FF7573

 670000

 FF928C

 490003

 FFAFA7

 2B0001

 FFCCC2

 000000

 FFEADE

 FFFFFA

 C50E2C

 C50E2C

 C50020

 C5223C

 C5354D

 C5495D

 C55D6E

 C5717E

 C5848F

 C5989F

 C5ACB0

 C5BFC0

Harmonies

Analogous

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



C80068



C50E2C



A84300

Triad

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



C50E2C



00781A



006CDF

Complementary

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



C50E2C



0EC5A7

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.



0078CC



C50E2C



007B5E

Square

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



C50E2C



3D7000



007C9D



4E53D0

Rectangle

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



C50E2C



8C5800



007C9D



0071DD

Sweetspot

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



C50E2C



FFB8C3



A70EC5



80545B



000000



808080

Same Dimension

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



C50E2C



FF002A



C54B0E



635A5B



A3001B



240006

Inverse Universe

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



C50E2C



FF002A



0E88C5



635A5B



A3001B



240006

Previews

White Background



This preview shows how the Hex color C50E2C looks on a white background.

Color Contrast Check

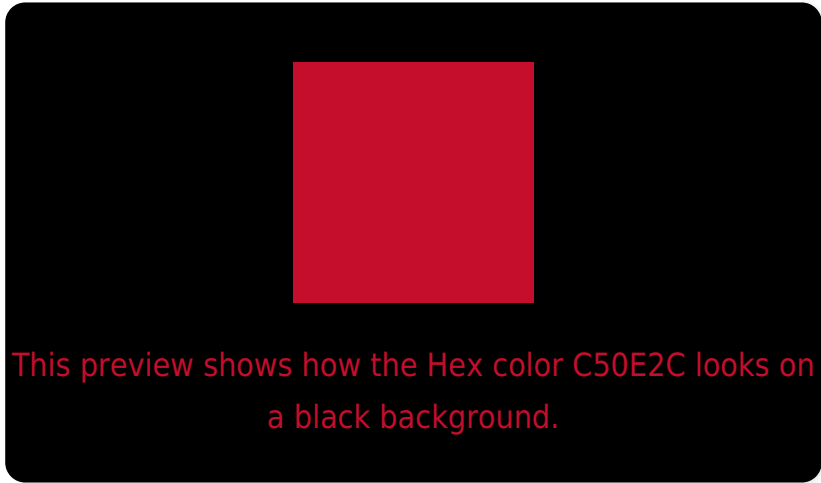
Large Text (above 18pt) WCAG AA ✓ Pass

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 C50E2C Background



This preview shows how black text looks on a background with the Hex color C50E2C.



This preview shows how white text looks on a background with the Hex color C50E2C.

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
C50E2C

Protanopia
6D6443

Deuteranopia
7E5F1F



Tritanopia
C51610

Trichromacy



Original Color
C50E2C

Protanomaly
8D453B

Deuteranomaly
984224

Tritanomaly
C5131A

Monochromacy



Original Color
C50E2C

Achromatopsia
484848

Achromatomaly
75333E

CSS Examples

Text

The CSS property to change the color of the text to Hex C50E2C 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 #C50E2C looks like.

```
.text, #text, p{  
    color:#C50E2C  
}
```

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 #C50E2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C50E2C
}
```

Border

The CSS property to change the border of an element to Hex C50E2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

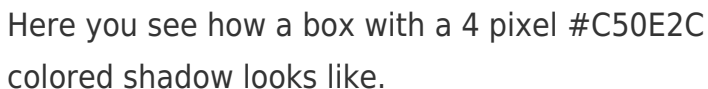
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C50E2C }
```

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

```
.border{ border-color:#C50E2C }
```

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



Here you see how a box with a 4 pixel `#C50E2C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C50E2C; -webkit-box-shadow:4px 4px  
4px 4px #C50E2C; box-shadow:4px 4px 4px  
4px #C50E2C }
```

Background

The CSS property to change the background color of an element to Hex C50E2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C50E2C }
```

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

```
.background{ background-color:#C50E2C }
```

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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