

Converting Colors

Hex(C50010)

Have a look what the booklet for
Hex(C50010) contains.

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Color

Hex(C50010)

Conversions

Conversions Part 1

Format	Color
Hex	C50010
RGB	197, 0, 16
RGB Percent	77%, 0%, 6%
CMY	0.2275, 1.0000, 0.9373
CMYK	0.00, 1.00, 0.92, 0.23
HSL	355°, 100%, 39%
HSV	355°, 100%, 77%
XYZ	23.1195, 11.9077, 1.5701
YIQ	60.7270, 112.2760, 46.7400

Conversions

Conversions Part 2

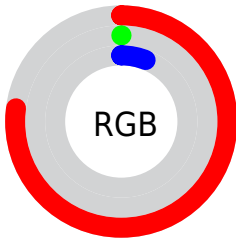
Format	Color
RYB	197, 0, 16
Decimal	12910608
CIELab	41.07, 66.13, 49.71
CIELCh	41, 82.732, 36.935
Yxy	11.9077, 0.6317, 0.3254
Android (android.graphics.Color)	4291100688 (0xFFC50010)
YUV	60.7270, -22.0504, 119.5114
Hunter-Lab	34.5076, 59.2037, 21.4576

Details

The Hex color **C50010** 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 **00C5B5**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **FF543F**, and **850000** is the 20% darker color. If you saturate the color by 10%, you get **C50010**, and if you desaturate by 10%, it is **C51422**.

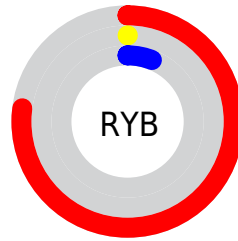
Distribution



Red (77%)

Green (0%)

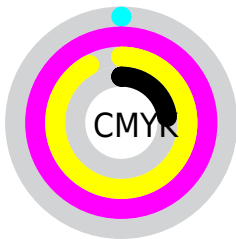
Blue (6%)



Red (77%)

Yellow (0%)

Blue (6%)

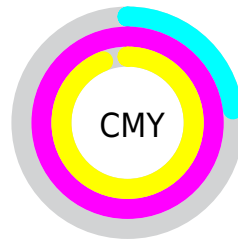


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (23%)



Cyan (23%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color C50010 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 C50010 by changing the saturation by 10% instead.

 C50010

 C50010

 FFFFFFF9

 A50000

 FF543F

 850000

 FF7157

 650000

 FF8E70

 480003

 FFAB8A

 290001

 FFC8A5

 000000

 FFE6C0

 FFFFDC

 C50010

 C51422

 C52734

 C53B46

 C54F58

 C5636B

 C5767D

 C58A8F

 C59EA1

 C5B1B3

Harmonies

Analogous

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



D10055



C50010



9F4800

Triad

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



C50010



007826



0066EB

Complementary

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



C50010



00C5B5

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.



0076E0



C50010



007B70

Square

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



C50010



057200



007BB2



6D44CF

Rectangle

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



C50010



7D5C00



007BB2



006DEC

Sweetspot

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



C50010



FFB3B9



B500C5



805255



000000



808080

Same Dimension

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



C50010



FF0015



C55200



635A5A



A3000D



240003

Inverse Universe

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



C50010



FF0015



0073C5



635A5A



A3000D



240003

Previews

White Background



This preview shows how the Hex color C50010 looks on a white background.

Color Contrast Check

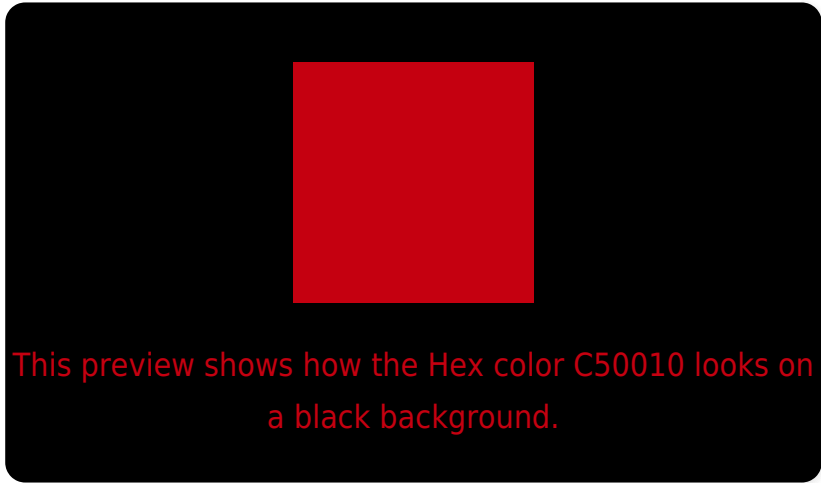
Large Text (above 18pt) WCAG AA ✓ Pass

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 C50010 Background



This preview shows how black text looks on a background with the Hex color C50010.



This preview shows how white text looks on a background with the Hex color C50010.

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
C50010

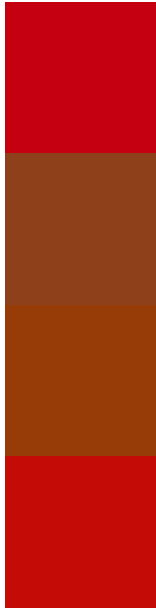
Protanopia
6F6421

Deuteranopia
7D5E00



Tritanopia
C41200

Trichromacy



Original Color
C50010

Protanomaly
8E401B

Deuteranomaly
973C06

Tritanomaly
C40B06

Monochromacy



Original Color
C50010

Achromatopsia
3D3D3D

Achromatomaly
6E272D

CSS Examples

Text

The CSS property to change the color of the text to Hex C50010 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 #C50010 looks like.

```
.text, #text, p{  
    color:#C50010  
}
```

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 #C50010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C50010
}
```

Border

The CSS property to change the border of an element to Hex C50010 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".

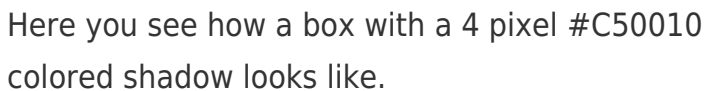
```
.border, #border, table{ border:4px solid
#C50010 }
```

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

```
.border{ border-color:#C50010 }
```

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

Here you see how a box with a 4 pixel #C50010 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #C50010 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C50010; -webkit-box-shadow:4px 4px  
4px 4px #C50010; box-shadow:4px 4px 4px  
4px #C50010 }
```

Background

The CSS property to change the background color of an element to Hex C50010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C50010 }
```

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

```
.background{ background-color:#C50010 }
```

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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