

Converting Colors

Hex(C51105)

Have a look what the booklet for
Hex(C51105) contains.

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Color

Hex(C51105)

Conversions

Conversions Part 1

Format	Color
Hex	C51105
RGB	197, 17, 5
RGB Percent	77%, 7%, 2%
CMY	0.2275, 0.9333, 0.9804
CMYK	0.00, 0.91, 0.97, 0.23
HSL	4°, 95%, 40%
HSV	4°, 97%, 77%
XYZ	23.2538, 12.2822, 1.2887
YIQ	69.4520, 111.1320, 34.4280

Conversions

Conversions Part 2

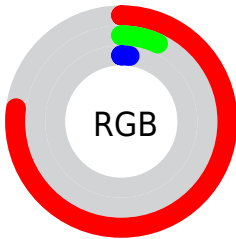
Format	Color
RYB	197, 18, 5
Decimal	12914949
CIELab	41.66, 64.18, 53.84
CIElCh	42, 83.771, 39.992
Yxy	12.2822, 0.6315, 0.3335
Android (android.graphics.Color)	4291105029 (0xFFC51105)
YUV	69.4520, -31.7748, 111.8596
Hunter-Lab	35.0459, 57.1086, 22.3520

Details

The Hex color **C51105** 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 **05B9C5**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF5838**, and **850000** is the 20% darker color. If you saturate the color by 10%, you get **C50C00**, and if you desaturate by 10%, it is **C52319**.

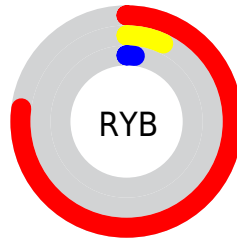
Distribution



Red (77%)

Green (7%)

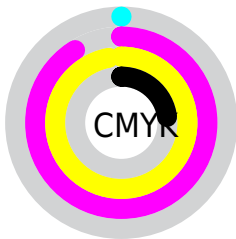
Blue (2%)



Red (77%)

Yellow (7%)

Blue (2%)

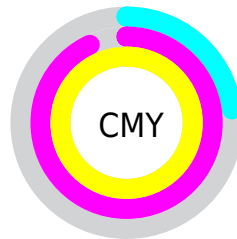


Cyan (0%)

Magenta (91%)

Yellow (97%)

Black (23%)



Cyan (23%)

Magenta (93%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color C51105 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 C51105 by changing the saturation by 10% instead.

 C51105

 C51105

 FFFFF2

 A50000

 FF5838

 850000

 FF7550

 650000

 FF926A

 480003

 FFAF83

 290001

 FFCC9E

 000000

 FFE9B9

 FFFF05

 C51105

 C51105

 C50C00

 C52319

 C5362C

 C54840

 C55B54

 C56D68

 C5807B

 C5928F

 C5A5A3

 C5B7B6

Harmonies

Analogous

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



D5004F



C51105



9D4D00

Triad

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



C51105



007A2F



0065ED

Complementary

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



C51105



05B9C5

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.



0077E6



C51105



007D79

Square

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



C51105



007400



007DBB



7A40CE

Rectangle

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



C51105



796000



007DBB



006DEF

Sweetspot

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



C51105



FFBAB5



C505BB



805653



000000



808080

Same Dimension

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



C51105



FF1000



C56F05



635A5A



A30A00



240200

Inverse Universe

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



05B9C5



00EFFF



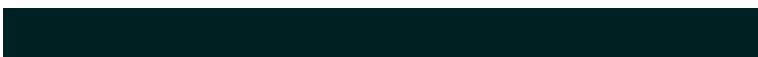
055BC5



5A6363



0099A3



002124

Previews

White Background



This preview shows how the Hex color C51105 looks on a white background.

Color Contrast Check

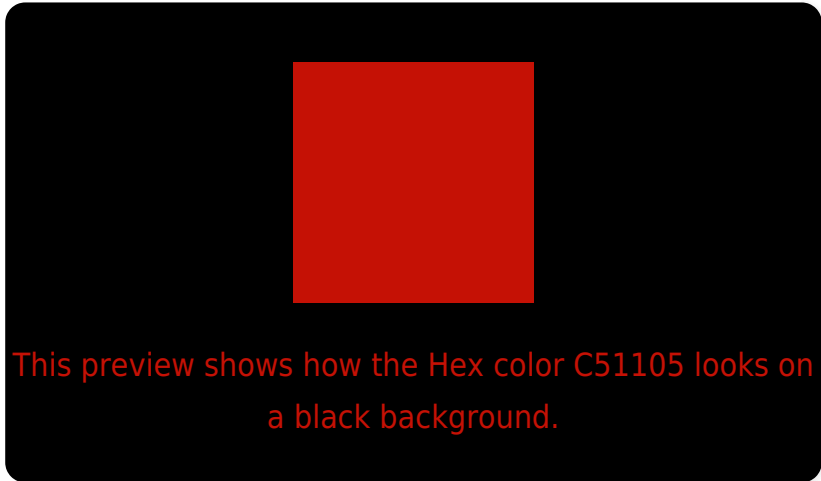
Large Text (above 18pt) WCAG AA ✓ Pass

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 C51105 Background



This preview shows how black text looks on a background with the Hex color C51105.



This preview shows how white text looks on a background with the Hex color C51105.

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
C51105

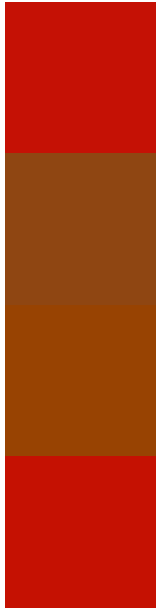
Protanopia
70641A

Deuteranopia
7E5F00



Tritanopia
C51100

Trichromacy



Original Color
C51105

Protanomaly
8F4612

Deuteranomaly
984302

Tritanomaly
C51102

Monochromacy



Original Color
C51105

Achromatopsia
454545

Achromatomaly
74322E

CSS Examples

Text

The CSS property to change the color of the text to Hex C51105 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 #C51105 looks like.

```
.text, #text, p{  
    color:#C51105  
}
```

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 #C51105 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C51105
}
```

Border

The CSS property to change the border of an element to Hex C51105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

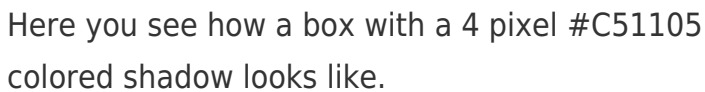
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C51105 }
```

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

```
.border{ border-color:#C51105 }
```

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



Here you see how a box with a 4 pixel `#C51105` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C51105; -webkit-box-shadow:4px 4px  
4px 4px #C51105; box-shadow:4px 4px 4px  
4px #C51105 }
```

Background

The CSS property to change the background color of an element to Hex C51105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C51105 }
```

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

```
.background{ background-color:#C51105 }
```

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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