

Converting Colors

Hex(C51307)

Have a look what the booklet for
Hex(C51307) contains.

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Color

Hex(C51307)

Conversions

Conversions Part 1

Format	Color
Hex	C51307
RGB	197, 19, 7
RGB Percent	77%, 7%, 3%
CMY	0.2275, 0.9255, 0.9725
CMYK	0.00, 0.90, 0.96, 0.23
HSL	4°, 93%, 40%
HSV	4°, 96%, 77%
XYZ	23.2972, 12.3514, 1.3572
YIQ	70.8540, 109.9400, 34.0040

Conversions

Conversions Part 2

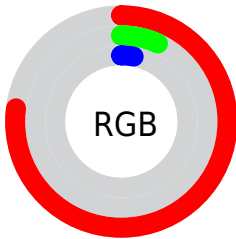
Format	Color
R_{YB}	197, 20, 7
Decimal	12915463
CIE _{Lab}	41.77, 63.91, 53.23
CIE _{LCh}	42, 83.173, 39.791
Yxy	12.3514, 0.6296, 0.3338
Android (android.graphics.Color)	4291105543 (0xFFC51307)
YUV	70.8540, -31.4800, 110.6300
Hunter-Lab	35.1446, 56.8239, 22.3116

Details

The Hex color **C51307** 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 **07B9C5**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5939**, 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 **C5251B**.

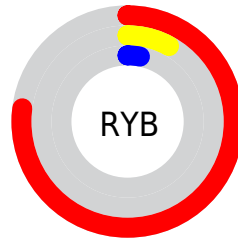
Distribution



Red (77%)

Green (7%)

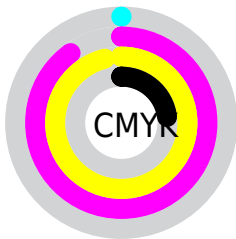
Blue (3%)



Red (77%)

Yellow (8%)

Blue (3%)

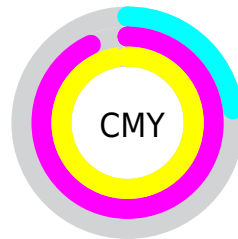


Cyan (0%)

Magenta (90%)

Yellow (96%)

Black (23%)



Cyan (23%)

Magenta (93%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color C51307 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 C51307 by changing the saturation by 10% instead.

 C51307

 C51307

 FFFFF4

 A50000

 FF5939

 850000

 FF7652

 650000

 FF926B

 480003

 FFAF85

 290001

 FFCCA0

 000000

 FFEABB

 FFFFD7

 C51307

 C51307

 C50C00

 C5251B

 C5382E

 C54A42

 C55D56

 C56F6A

 C5827D

 C59491

 C5A7A5

 C5B9B8

Harmonies

Analogous

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



D40050



C51307



9D4D00

Triad

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



C51307



007B2F



0065ED

Complementary

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



C51307



07B9C5

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.



0077E5



C51307



007D78

Square

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



C51307



007500



007DBA



7A41CE

Rectangle

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



C51307



796000



007DBA



006DEF

Sweetspot

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



C51307



FFBAB5



C507BC



805653



000000



808080

Same Dimension

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



C51307



FF1000



C57007



635A5A



A30A00



240200

Inverse Universe

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



07B9C5



00EFFF



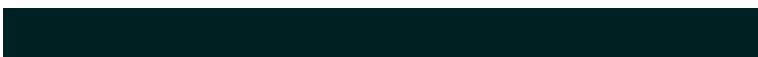
075DC5



5A6363



0099A3



002124

Previews

White Background



This preview shows how the Hex color C51307 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 C51307 Background



This preview shows how black text looks on a background with the Hex color C51307.



This preview shows how white text looks on a background with the Hex color C51307.

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

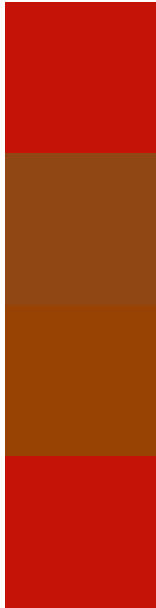


Original Color
C51307

Protanopia
71641B

Deuteranopia
7E5F00

Trichromacy



Original Color
C51307

Protanomaly
904714

Deuteranomaly
984303

Tritanomaly
C51308

Monochromacy



Original Color
C51307

Achromatopsia
474747

Achromatomaly
753430

CSS Examples

Text

The CSS property to change the color of the text to Hex C51307 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 #C51307 looks like.

```
.text, #text, p{  
    color:#C51307  
}
```

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 #C51307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C51307
}
```

Border

The CSS property to change the border of an element to Hex C51307 is called "border". The border property can be set on classes, ids or directly on the HTML element.

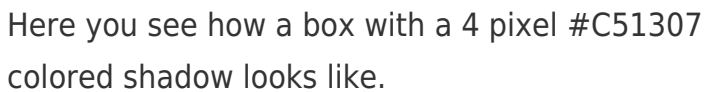
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C51307 }
```

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

```
.border{ border-color:#C51307 }
```

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



Here you see how a box with a 4 pixel `#C51307` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C51307; -webkit-box-shadow:4px 4px  
4px 4px #C51307; box-shadow:4px 4px 4px  
4px #C51307 }
```

Background

The CSS property to change the background color of an element to Hex C51307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C51307 }
```

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

```
.background{ background-color:#C51307 }
```

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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