

Converting Colors

Hex(C5100D)

Have a look what the booklet for
Hex(C5100D) contains.

Hex(C5100D)	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(C5100D)

Conversions

Conversions Part 1

Format	Color
Hex	C5100D
RGB	197, 16, 13
RGB Percent	77%, 6%, 5%
CMY	0.2275, 0.9373, 0.9490
CMYK	0.00, 0.92, 0.93, 0.23
HSL	1°, 88%, 41%
HSV	1°, 93%, 77%
XYZ	23.2839, 12.2700, 1.5219
YIQ	69.7770, 108.8390, 37.4390

Conversions

Conversions Part 2

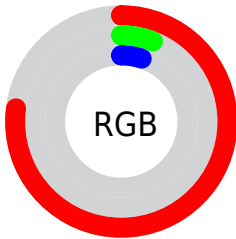
Format	Color
RYB	197, 16, 13
Decimal	12914701
CIELab	41.64, 64.40, 51.21
CIELCh	42, 82.274, 38.490
Yxy	12.2700, 0.6280, 0.3309
Android (android.graphics.Color)	4291104781 (0xFFC5100D)
YUV	69.7770, -27.9911, 111.5746
Hunter-Lab	35.0285, 57.3514, 21.9439

Details

The Hex color **C5100D** 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 **0DC2C5**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF583D**, and **850000** is the 20% darker color. If you saturate the color by 10%, you get **C50300**, and if you desaturate by 10%, it is **C52321**.

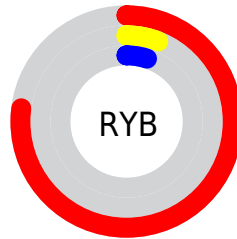
Distribution



Red (77%)

Green (6%)

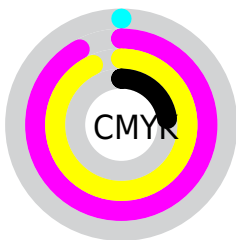
Blue (5%)



Red (77%)

Yellow (6%)

Blue (5%)

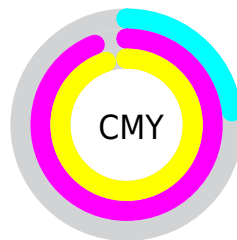


Cyan (0%)

Magenta (92%)

Yellow (93%)

Black (23%)



Cyan (23%)

Magenta (94%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5100D 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 C5100D by changing the saturation by 10% instead.

 C5100D

 C5100D

 FFFFF8

 A50000

 FF583D

 850000

 FF7556

 660000

 FF926F

 480003

 FFAE89

 290001

 FFCCA3

 000000

 FFE9BF

 FFFFDB

 C5100D

 C5100D

 C50300

 C52321

 C53734

 C54A48

 C55E5C

 C57170

 C58483

 C59897

 C5ABAB

 C5BEBE

Harmonies

Analogous

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



D30053



C5100D



9F4B00

Triad

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



C5100D



007A2C



0066EB

Complementary

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



C5100D



0DC2C5

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.



0077E2



C5100D



007D75

Square

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



C5100D



007400



007DB6



7543CE

Rectangle

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



C5100D



7B5F00



007DB6



006DED

Sweetspot

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



C5100D



FFB9B8



C50DC5



805554



000000



808080

Same Dimension

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



C5100D



FF0400



C5690D



635A5A



A30300



240100

Inverse Universe

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



0DC2C5



00FBFF



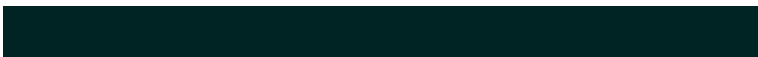
0D69C5



5A6363



00A1A3



002324

Previews

White Background



This preview shows how the Hex color C5100D looks on a white background.

Color Contrast Check

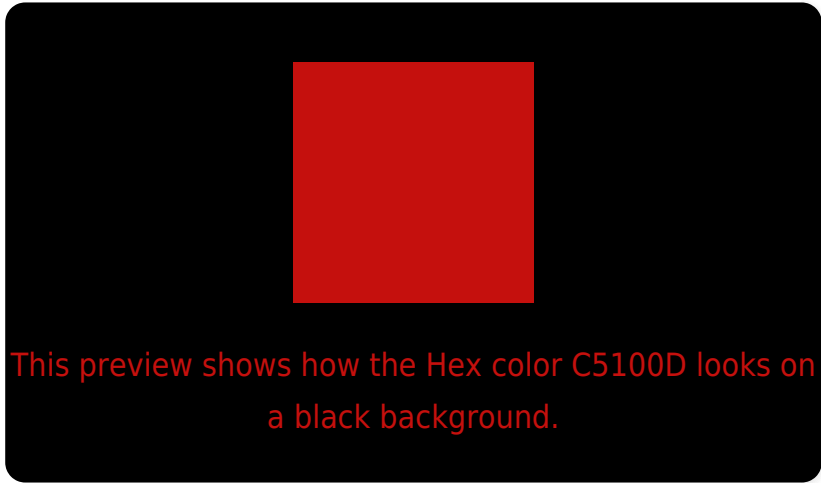
Large Text (above 18pt) WCAG AA ✓ Pass

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 C5100D Background



This preview shows how black text looks on a background with the Hex color C5100D.



This preview shows how white text looks on a background with the Hex color C5100D.

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
C5100D

Protanopia
70641E

Deuteranopia
7E5F00



Tritanopia
C51100

Trichromacy



Original Color
C5100D

Protanomaly
8F4518

Deuteranomaly
984205

Tritanomaly
C51105

Monochromacy



Original Color
C5100D

Achromatopsia
464646

Achromatomaly
743231

CSS Examples

Text

The CSS property to change the color of the text to Hex C5100D 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 #C5100D looks like.

```
.text, #text, p{  
    color:#C5100D  
}
```

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 #C5100D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5100D
}
```

Border

The CSS property to change the border of an element to Hex C5100D 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".

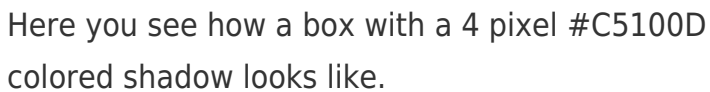
```
.border, #border, table{ border:4px solid
#C5100D }
```

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

```
.border{ border-color:#C5100D }
```

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

Here you see how a box with a 4 pixel #C5100D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5100D; -webkit-box-shadow:4px 4px  
4px 4px #C5100D; box-shadow:4px 4px 4px  
4px #C5100D }
```

Background

The CSS property to change the background color of an element to Hex C5100D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5100D }
```

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

```
.background{ background-color:#C5100D }
```

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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