

Converting Colors

Hex(C10D0B)

Have a look what the booklet for
Hex(C10D0B) contains.

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Color

Hex(C10D0B)

Conversions

Conversions Part 1

Format	Color
Hex	C10D0B
RGB	193, 13, 11
RGB Percent	76%, 5%, 4%
CMY	0.2431, 0.9490, 0.9569
CMYK	0.00, 0.93, 0.94, 0.24
HSL	1°, 89%, 40%
HSV	1°, 94%, 76%
XYZ	22.1966, 11.6495, 1.3953
YIQ	66.5920, 107.9220, 37.5380

Conversions

Conversions Part 2

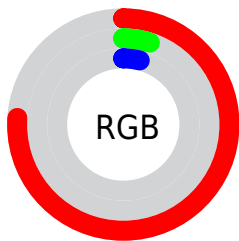
Format	Color
RYB	193, 13, 11
Decimal	12651787
CIELab	40.65, 63.71, 50.88
CIElCh	41, 81.532, 38.609
Yxy	11.6495, 0.6298, 0.3306
Android (android.graphics.Color)	4290841867 (0xFFC10D0B)
YUV	66.5920, -27.4069, 110.8598
Hunter-Lab	34.1313, 56.3543, 21.4681

Details

The Hex color **C10D0B** 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 **0BBFC1**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF563B**, and **810000** is the 20% darker color. If you saturate the color by 10%, you get **C10200**, and if you desaturate by 10%, it is **C1201E**.

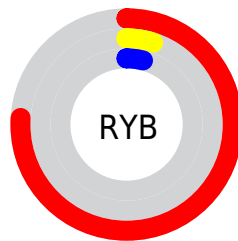
Distribution



Red (76%)

Green (5%)

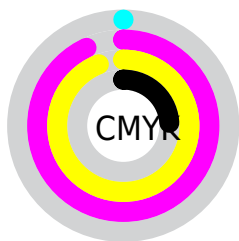
Blue (4%)



Red (76%)

Yellow (5%)

Blue (4%)

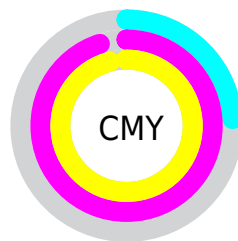


Cyan (0%)

Magenta (93%)

Yellow (94%)

Black (24%)



Cyan (24%)

Magenta (95%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color C10D0B 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 C10D0B by changing the saturation by 10% instead.

 C10D0B

 C10D0B

 FFFFF5

 A10000

 FF563B

 810000

 FF7354

 620000

 FF906D

 450003

 FFAC87

 250001

 FFC9A1

 000000

 FFE7BD

 FFFFD9

 C10D0B

 C10D0B

 C10200

 C1201E

 C13332

 C14645

 C15958

 C16C6B

 C1807F

 C19392

 C1A6A5

 C1B9B9

Harmonies

Analogous

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



CF0050



C10D0B



9B4900

Triad

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



C10D0B



00772A



0064E7

Complementary

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



C10D0B



0BBFC1

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.



0074DE



C10D0B



007A72

Square

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



C10D0B



007100



007AB3



7241CA

Rectangle

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



C10D0B



785D00



007AB3



006BE8

Sweetspot

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



C10D0B



FAB5B4



C10BC1



7D5352



FCFCFC



7D7D7D

Same Dimension

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



C10D0B



FA0300



C1660B



615757



A10200



210000

Inverse Universe

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



0BBFC1



00F7FA



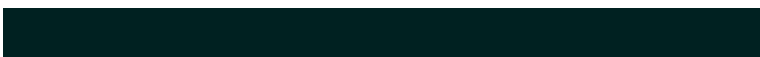
0B66C1



576161



009FA1



002121

Previews

White Background



This preview shows how the Hex color C10D0B looks on a white background.

Color Contrast Check

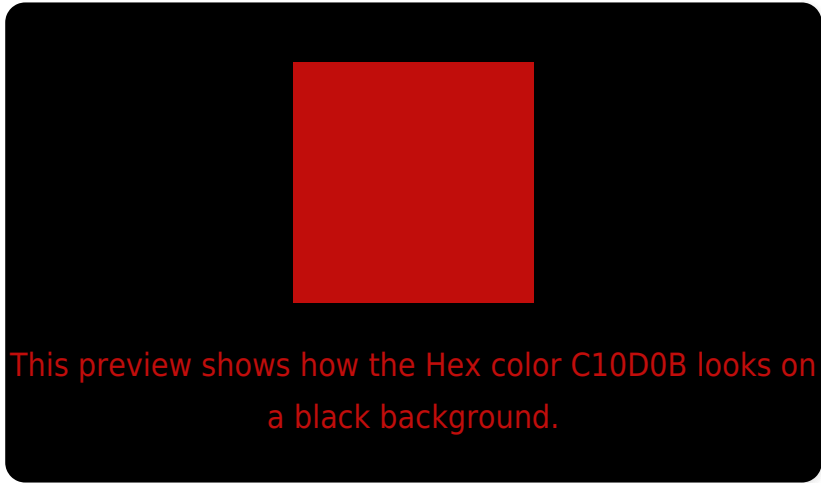
Large Text (above 18pt) WCAG AA ✓ Pass

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 C10D0B Background



This preview shows how black text looks on a background with the Hex color C10D0B.



This preview shows how white text looks on a background with the Hex color C10D0B.

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
C10D0B

Protanopia
6E621D

Deuteranopia
7B5D00



Tritanopia
C01100

Trichromacy



Original Color
C10D0B

Protanomaly
8C4316

Deuteranomaly
944004

Tritanomaly
C01004

Monochromacy



Original Color
C10D0B

Achromatopsia
434343

Achromatomaly
712F2F

CSS Examples

Text

The CSS property to change the color of the text to Hex C10D0B 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 #C10D0B looks like.

```
.text, #text, p{  
    color:#C10D0B  
}
```

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 #C10D0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C10D0B
}
```

Border

The CSS property to change the border of an element to Hex C10D0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

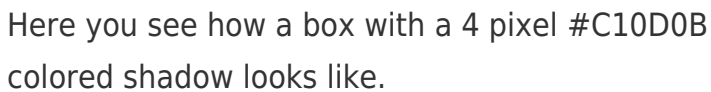
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C10D0B }
```

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

```
.border{ border-color:#C10D0B }
```

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



Here you see how a box with a 4 pixel `#C10D0B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C10D0B; -webkit-box-shadow:4px 4px  
4px 4px #C10D0B; box-shadow:4px 4px 4px  
4px #C10D0B }
```

Background

The CSS property to change the background color of an element to Hex C10D0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C10D0B }
```

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

```
.background{ background-color:#C10D0B }
```

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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