

Converting Colors

Hex(C00D10)

Have a look what the booklet for
Hex(C00D10) contains.

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Color

Hex(C00D10)

Conversions

Conversions Part 1

Format	Color
Hex	C00D10
RGB	192, 13, 16
RGB Percent	75%, 5%, 6%
CMY	0.2471, 0.9490, 0.9373
CMYK	0.00, 0.93, 0.92, 0.25
HSL	359°, 87%, 40%
HSV	359°, 93%, 75%
XYZ	21.9757, 11.5317, 1.5578
YIQ	66.8630, 105.7210, 38.8810

Conversions

Conversions Part 2

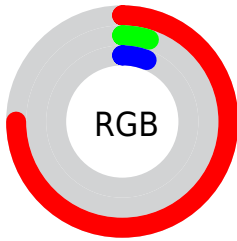
Format	Color
RYB	192, 13, 16
Decimal	12586256
CIELab	40.46, 63.51, 48.80
CIELCh	40, 80.092, 37.535
Yxy	11.5317, 0.6267, 0.3289
Android (android.graphics.Color)	4290776336 (0xFFC00D10)
YUV	66.8630, -25.0755, 109.7451
Hunter-Lab	33.9584, 56.0865, 21.0510

Details

The Hex color **C00D10** 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 **0DC0BD**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **FF563F**, and **800000** is the 20% darker color. If you saturate the color by 10%, you get **C00003**, and if you desaturate by 10%, it is **C02023**.

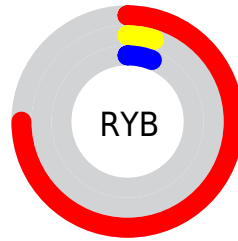
Distribution



Red (75%)

Green (5%)

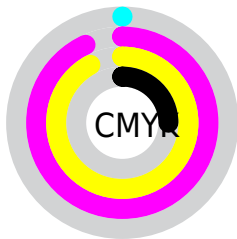
Blue (6%)



Red (75%)

Yellow (5%)

Blue (6%)

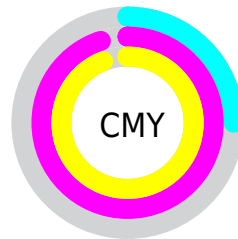


Cyan (0%)

Magenta (93%)

Yellow (92%)

Black (25%)



Cyan (25%)

Magenta (95%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color C00D10 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 C00D10 by changing the saturation by 10% instead.

 C00D10

 C00D10

 FFFFFFF9

 A00000

 FF563F

 800000

 FF7357

 610000

 FF8F70

 450003

 FFAC8A

 240001

 FFC9A5

 000000

 FFE7C0

 FFFFDC

 C00D10

 C00D10

 C00003

 C02023

 C03336

 C04749

 C05A5C

 C06D6E

 C08081

 C09394

 C0A7A7

 C0BABA

Harmonies

Analogous

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



CC0052



C00D10



9B4800

Triad

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



C00D10



007628



0064E4

Complementary

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



C00D10



0DC0BD

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.



0074DA



C00D10



00796F

Square

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



C00D10



077000



0079AF



6E43C9

Rectangle

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



C00D10



7A5B00



0079AF



006BE5

Sweetspot

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



C00D10



FAB4B5



BA0DC0



7D5253



FCFCFC



7D7D7D

Same Dimension

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



C00D10



FA0004



C0610D



615757



A10003



210001

Inverse Universe

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



C00D10



FA0004



0D6CC0



615757



A10003



210001

Previews

White Background



This preview shows how the Hex color C00D10 looks on a white background.

Color Contrast Check

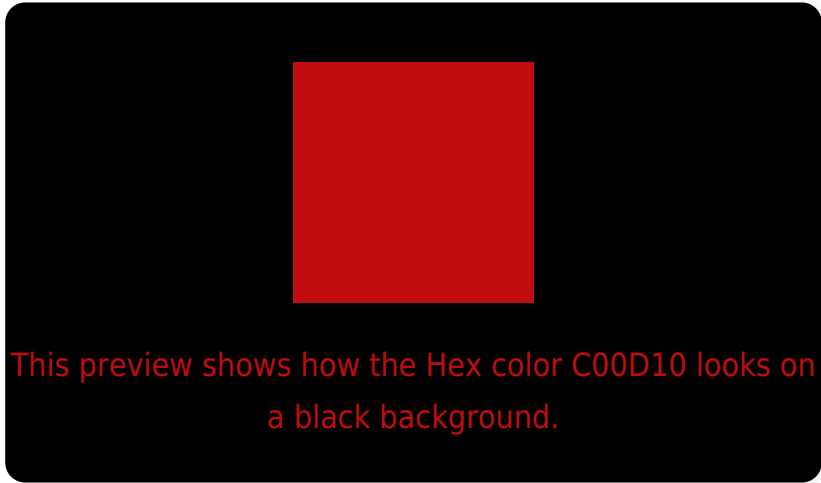
Large Text (above 18pt) WCAG AA ✓ Pass

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 C00D10 Background



This preview shows how black text looks on a background with the Hex color C00D10.



This preview shows how white text looks on a background with the Hex color C00D10.

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
C00D10

Protanopia
6D6121

Deuteranopia
7B5C00



Tritanopia
C01100

Trichromacy



Original Color
C00D10

Protanomaly
8B421B

Deuteranomaly
943F06

Tritanomaly
C01006

Monochromacy



Original Color
C00D10

Achromatopsia
434343

Achromatomaly
702F30

CSS Examples

Text

The CSS property to change the color of the text to Hex C00D10 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 #C00D10 looks like.

```
.text, #text, p{  
    color:#C00D10  
}
```

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 #C00D10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C00D10
}
```

Border

The CSS property to change the border of an element to Hex C00D10 is called "border". The border property can be set on classes, ids or directly on the HTML element.

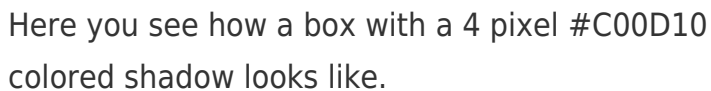
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C00D10 }
```

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

```
.border{ border-color:#C00D10 }
```

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



Here you see how a box with a 4 pixel `#C00D10` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C00D10; -webkit-box-shadow:4px 4px  
4px 4px #C00D10; box-shadow:4px 4px 4px  
4px #C00D10 }
```

Background

The CSS property to change the background color of an element to Hex C00D10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C00D10 }
```

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

```
.background{ background-color:#C00D10 }
```

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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