

Converting Colors

Hex(C10B2C)

Have a look what the booklet for
Hex(C10B2C) contains.

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Color

Hex(C10B2C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C10B2C |
| RGB | 193, 11, 44 |
| RGB Percent | 76%, 4%, 17% |
| CMY | 0.2431, 0.9569, 0.8275 |
| CMYK | 0.00, 0.94, 0.77, 0.24 |
| HSL | 349°, 89%, 40% |
| HSV | 349°, 94%, 76% |
| XYZ | 22.5666, 11.7586, 3.4631 |
| YIQ | 69.1800, 97.8790, 48.8470 |

Conversions

Conversions Part 2

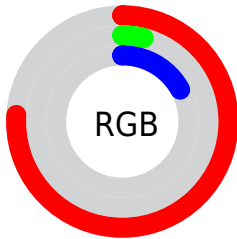
| Format | Color |
|-------------------------------------|--|
| RYB | 193, 11, 44 |
| Decimal | 12651308 |
| CIELab | 40.83, 64.65, 34.62 |
| CIElCh | 41, 73.335, 28.165 |
| Yxy | 11.7586, 0.5972, 0.3112 |
| Android (android.graphics.Color) | 4290841388 (0xFFC10B2C) |
| YUV | 69.1800, -12.4137, 108.5901 |
| Hunter-Lab | 34.2909, 57.4607, 18.0158 |

Details

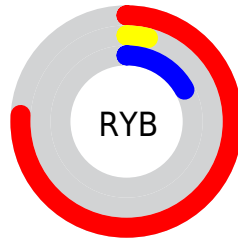
The Hex color **C10B2C** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0BC1A0**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF565A**, and **820000** is the 20% darker color. If you saturate the color by 10%, you get **C10023**, and if you desaturate by 10%, it is **C11E3C**.

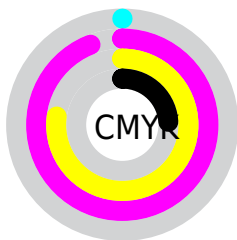
Distribution



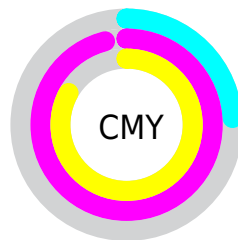
- Red (76%)
- Green (4%)
- Blue (17%)



- Red (76%)
- Yellow (4%)
- Blue (17%)



- Cyan (0%)
- Magenta (94%)
- Yellow (77%)
- Black (24%)



- Cyan (24%)
- Magenta (96%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color C10B2C 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 C10B2C by changing the saturation by 10% instead.

 C10B2C

 C10B2C

FFFFFF

 A10017

 FF565A

 820000

 FF7372

 630000

 FF908C

 470003

 FFADA6

 270001

 FFCAC2

 000000

 FFE8DE

 FFFFFA

 C10B2C

 C10B2C

 C10023

 C11E3C

 C1324C

 C1455B

 C1586B

 C16B7B

 C17F8B

 C1929B

 C1A5AA

 C1B9BA

Harmonies

Analogous

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



C30067



C10B2C



A54100

Triad

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



C10B2C



007517



006ADB

Complementary

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



C10B2C



0BC1A0

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.



0075C7



C10B2C



00785B

Square

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



C10B2C



3D6D00



007998



4952CC

Rectangle

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



C10B2C



8A5500



007998



006FD8

Sweetspot

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



C10B2C



FAB4C1



A00BC1



7D525A



FCFCFC



7D7D7D

Same Dimension

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



C10B2C



FA002D



C1450B



615759



A1001D



210006

Inverse Universe

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



C10B2C



FA002D



0B87C1



615759



A1001D



210006

Previews

White Background



This preview shows how the Hex color C10B2C looks on a white background.

Color Contrast Check

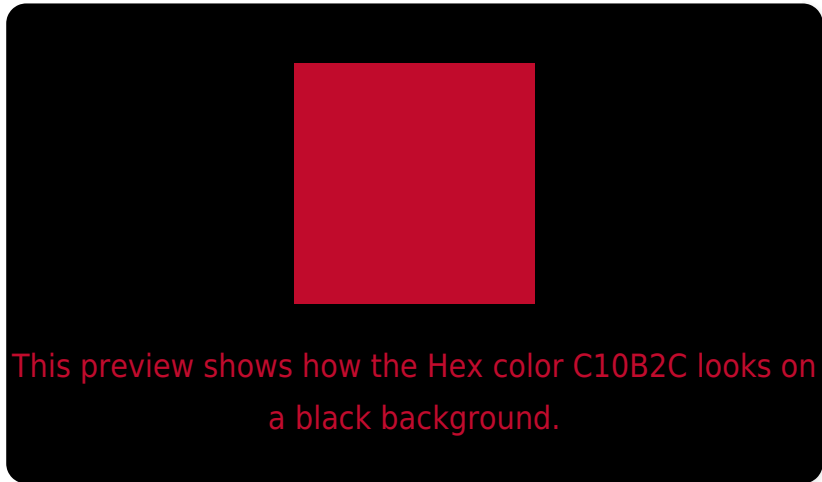
Large Text (above 18pt) WCAG AA ✓ Pass

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 C10B2C Background



This preview shows how black text looks on a background with the Hex color C10B2C.



This preview shows how white text looks on a background with the Hex color C10B2C.

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



Trichromacy



Original Color
C10B2C

Protanomaly
8A423B

Deuteranomaly
943F24

Tritanomaly
C01119

Monochromacy



Original Color
C10B2C

Achromatopsia
454545

Achromatomaly
72303C

CSS Examples

Text

The CSS property to change the color of the text to Hex C10B2C 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 #C10B2C looks like.

```
.text, #text, p{  
    color:#C10B2C  
}
```

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 #C10B2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C10B2C
}
```

Border

The CSS property to change the border of an element to Hex C10B2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

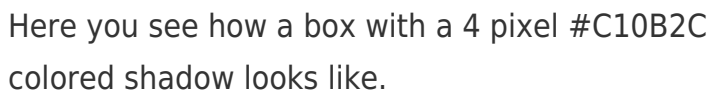
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C10B2C }
```

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

```
.border{ border-color:#C10B2C }
```

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



Here you see how a box with a 4 pixel `#C10B2C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C10B2C; -webkit-box-shadow:4px 4px  
4px 4px #C10B2C; box-shadow:4px 4px 4px  
4px #C10B2C }
```

Background

The CSS property to change the background color of an element to Hex C10B2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C10B2C }
```

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

```
.background{ background-color:#C10B2C }
```

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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