

Converting Colors

Hex(C00C3B)

Have a look what the booklet for
Hex(C00C3B) contains.

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Color

Hex(C00C3B)

Conversions

Conversions Part 1

Format	Color
Hex	C00C3B
RGB	192, 12, 59
RGB Percent	75%, 5%, 23%
CMY	0.2471, 0.9529, 0.7686
CMYK	0.00, 0.94, 0.69, 0.25
HSL	344°, 88%, 40%
HSV	344°, 94%, 75%
XYZ	22.6591, 11.7852, 5.2182
YIQ	71.1780, 92.1930, 52.7770

Conversions

Conversions Part 2

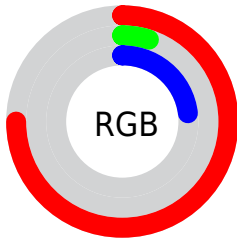
Format	Color
R_{YB}	192, 12, 59
Decimal	12586043
CIE Lab	40.87, 64.89, 25.41
CIE LCh	41, 69.688, 21.384
Yxy	11.7852, 0.5713, 0.2971
Android (android.graphics.Color)	4290776123 (0xFFC00C3B)
YUV	71.1780, -6.0038, 105.9609
Hunter-Lab	34.3295, 57.7417, 15.0185

Details

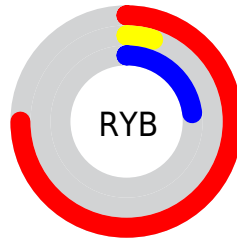
The Hex color **C00C3B** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0CC091**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF576A**, and **820012** is the 20% darker color. If you saturate the color by 10%, you get **C00032**, and if you desaturate by 10%, it is **C01F49**.

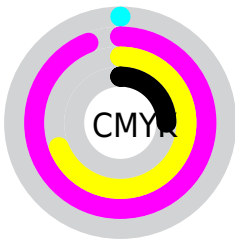
Distribution



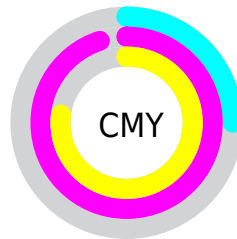
- Red (75%)
- Green (5%)
- Blue (23%)



- Red (75%)
- Yellow (5%)
- Blue (23%)



- Cyan (0%)
- Magenta (94%)
- Yellow (69%)
- Black (25%)



- Cyan (25%)
- Magenta (95%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color C00C3B 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 C00C3B by changing the saturation by 10% instead.

 C00C3B

 C00C3B

FFFFFF

 A10026

 FF576A

 820012

 FF7483

 640000

 FF919D

 470003

 FFADB8

 270001

 FFCBD3

 000000

 FFE8F0

 C00C3B

 C00C3B

 C00032

 C01F49

 C03257

 C04666

 C05974

 C06C82

 C07F90

 C0929E

 C0A6AC

 C0B9BB

Harmonies

Analogous

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



BB0073



C00C3B



AB3B00

Triad

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



C00C3B



007307



006DD3

Complementary

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



C00C3B



0CC091

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.



0076BA



C00C3B



00774D

Square

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



C00C3B



4F6A00



007889



1E59CC

Rectangle

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



C00C3B



925000



007889



0071CE

Sweetspot

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



C00C3B



FAB4C6



900CC0



7D525E



FCFCFC



7D7D7D

Same Dimension

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



C00C3B



FA0041



C0360C



61575A



A1002A



210009

Inverse Universe

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



C00C3B



FA0041



0C96C0



61575A



A1002A



210009

Previews

White Background



This preview shows how the Hex color C00C3B looks on a white background.

Color Contrast Check

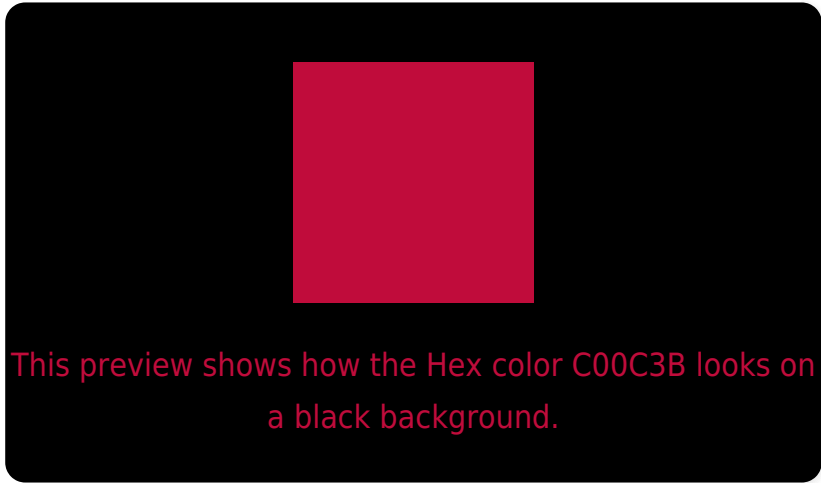
Large Text (above 18pt) WCAG AA ✓ Pass

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 C00C3B Background



This preview shows how black text looks on a background with the Hex color C00C3B.



This preview shows how white text looks on a background with the Hex color C00C3B.

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

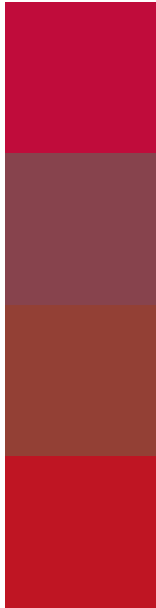


Original Color
C00C3B

Protanopia
676257

Deuteranopia
795E32

Trichromacy



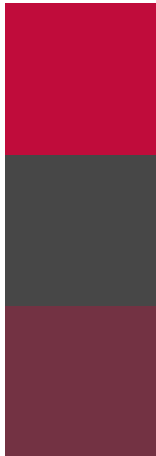
Original Color
C00C3B

Protanomaly
87434D

Deuteranomaly
934035

Tritanomaly
BF1523

Monochromacy



Original Color
C00C3B

Achromatopsia
474747

Achromatomaly
733243

CSS Examples

Text

The CSS property to change the color of the text to Hex C00C3B 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 #C00C3B looks like.

```
.text, #text, p{  
    color:#C00C3B  
}
```

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 #C00C3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C00C3B
}
```

Border

The CSS property to change the border of an element to Hex C00C3B 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
#C00C3B }
```

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

```
.border{ border-color:#C00C3B }
```

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

Here you see how a box with a 4 pixel #C00C3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C00C3B; -webkit-box-shadow:4px 4px  
4px 4px #C00C3B; box-shadow:4px 4px 4px  
4px #C00C3B }
```

Background

The CSS property to change the background color of an element to Hex C00C3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C00C3B }
```

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

```
.background{ background-color:#C00C3B }
```

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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