

Converting Colors

Hex(C00023)

Have a look what the booklet for
Hex(C00023) contains.

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Color

Hex(C00023)

Conversions

Conversions Part 1

Format	Color
Hex	C00023
RGB	192, 0, 35
RGB Percent	75%, 0%, 14%
CMY	0.2471, 1.0000, 0.8627
CMYK	0.00, 1.00, 0.82, 0.25
HSL	349°, 100%, 38%
HSV	349°, 100%, 75%
XYZ	22.0416, 11.3278, 2.6149
YIQ	61.3980, 103.1970, 51.5890

Conversions

Conversions Part 2

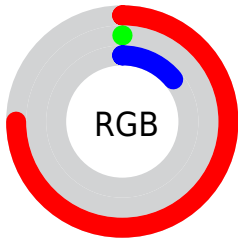
Format	Color
RYB	192, 0, 35
Decimal	12582947
CIELab	40.13, 65.26, 39.07
CIELCh	40, 76.061, 30.907
Yxy	11.3278, 0.6125, 0.3148
Android (android.graphics.Color)	4290773027 (0xFFC00023)
YUV	61.3980, -13.0142, 114.5380
Hunter-Lab	33.6568, 57.9989, 18.9534

Details

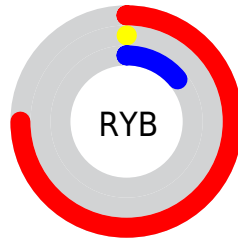
The Hex color **C00023** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00C09D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **FF5350**, and **810000** is the 20% darker color. If you saturate the color by 10%, you get **C00023**, and if you desaturate by 10%, it is **C01333**.

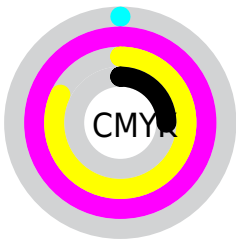
Distribution



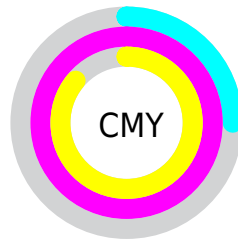
- Red (75%)
- Green (0%)
- Blue (14%)



- Red (75%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (82%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color C00023 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 C00023 by changing the saturation by 10% instead.

 C00023

 C00023

FFFFFF

 A0000E

 FF5350

 810000

 FF7069

 620000

 FF8D82

 450003

 FFAA9C

 240001

 FFC7B7

 000000

 FFE5D3

 FFFFEE

 C00023

 C01333

 C02642

 C03A52

 C04D62

 C06071

 C07381

 C08691

 C09AA1

 C0ADB0

Harmonies

Analogous

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



C50060



C00023



A24100

Triad

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



C00023



007419



0067DD

Complementary

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



C00023



00C09D

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.



0074CC



C00023



00775F

Square

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



C00023



316C00



00779E



524CCB

Rectangle

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



C00023



845500



00779E



006DDC

Sweetspot

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



C00023



FAAFBD



9D00C0



7D5058



FCFCFC



7D7D7D

Same Dimension

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



C00023



FA002E



C03D00



615759



A1001D



210006

Inverse Universe

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



C00023



FA002E



0083C0



615759



A1001D



210006

Previews

White Background



This preview shows how the Hex color C00023 looks on a white background.

Color Contrast Check

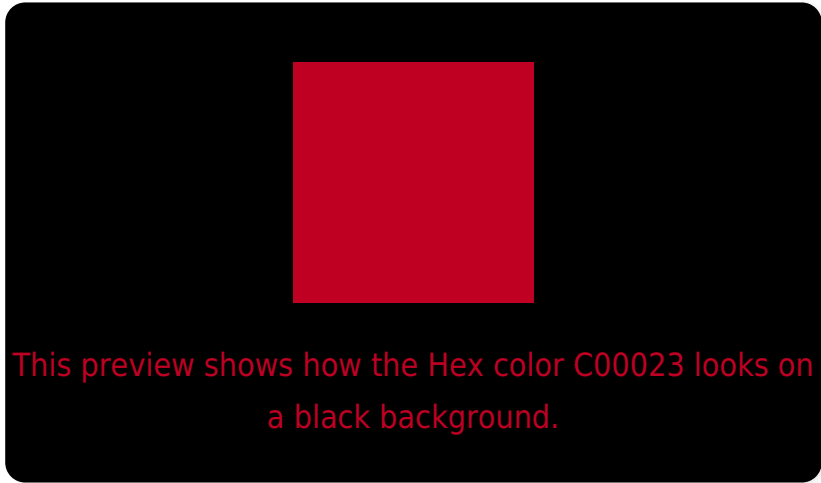
Large Text (above 18pt) WCAG AA ✓ Pass

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 C00023 Background



This preview shows how black text looks on a background with the Hex color C00023.



This preview shows how white text looks on a background with the Hex color C00023.

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
C00023

Protanopia
6B6137

Deuteranopia
7B5C12



Tritanopia
BF1100

Trichromacy



Original Color
C00023

Protanomaly
8A3E30

Deuteranomaly
943B18

Tritanomaly
BF0B0D

Monochromacy



Original Color
C00023

Achromatopsia
3D3D3D

Achromatomaly
6D2734

CSS Examples

Text

The CSS property to change the color of the text to Hex C00023 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 #C00023 looks like.

```
.text, #text, p{  
  color:#C00023  
}
```

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 #C00023 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C00023
}
```

Border

The CSS property to change the border of an element to Hex C00023 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".

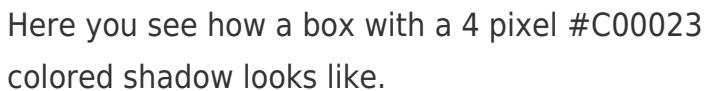
```
.border, #border, table{ border:4px solid
#C00023 }
```

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

```
.border{ border-color:#C00023 }
```

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

Here you see how a box with a 4 pixel #C00023 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #C00023 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C00023; -webkit-box-shadow:4px 4px  
4px 4px #C00023; box-shadow:4px 4px 4px  
4px #C00023 }
```

Background

The CSS property to change the background color of an element to Hex C00023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C00023 }
```

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

```
.background{ background-color:#C00023 }
```

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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