

Converting Colors

Hex(C0022C)

Have a look what the booklet for
Hex(C0022C) contains.

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Color

Hex(C0022C)

Conversions

Conversions Part 1

Format	Color
Hex	C0022C
RGB	192, 2, 44
RGB Percent	75%, 1%, 17%
CMY	0.2471, 0.9922, 0.8275
CMYK	0.00, 0.99, 0.77, 0.25
HSL	347°, 98%, 38%
HSV	347°, 99%, 75%
XYZ	22.2146, 11.4317, 3.4186
YIQ	63.5980, 99.7580, 53.3420

Conversions

Conversions Part 2

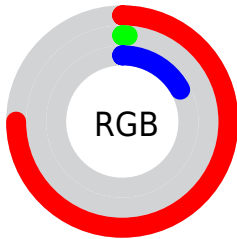
Format	Color
RYB	192, 2, 44
Decimal	12583468
CIELab	40.30, 65.32, 33.97
CIElCh	40, 73.630, 27.476
Yxy	11.4317, 0.5993, 0.3084
Android (android.graphics.Color)	4290773548 (0xFFC0022C)
YUV	63.5980, -9.6618, 112.6086
Hunter-Lab	33.8108, 58.1099, 17.6728

Details

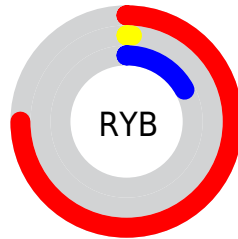
The Hex color **C0022C** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **02C096**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **FF545A**, and **810000** is the 20% darker color. If you saturate the color by 10%, you get **C0002A**, and if you desaturate by 10%, it is **C0153B**.

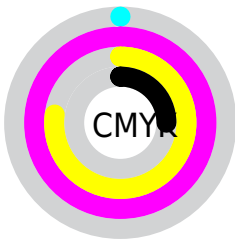
Distribution



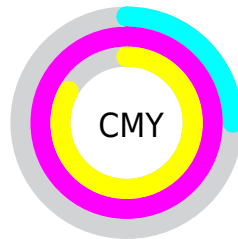
- Red (75%)
- Green (1%)
- Blue (17%)



- Red (75%)
- Yellow (1%)
- Blue (17%)



- Cyan (0%)
- Magenta (99%)
- Yellow (77%)
- Black (25%)



- Cyan (25%)
- Magenta (99%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color C0022C 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 C0022C by changing the saturation by 10% instead.

 C0022C

 C0022C

FFFFFF

 A00017

 FF545A

 810000

 FF7172

 620000

 FF8E8C

 460003

 FFABA6

 250001

 FFC8C1

 000000

 FFE5DD

 FFFFFA

 C0022C

 C0022C

 C0002A

 C0153B

 C0284A

 C03C59

 C04F68

 C06277

 C07586

 C08895

 C09CA4

 C0AFB3

Harmonies

Analogous

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



C10067



C0022C



A53F00

Triad

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



C0022C



007313



0069D9

Complementary

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



C0022C



02C096

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.



0074C5



C0022C



007758

Square

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



C0022C



3D6B00



007795



4351CC

Rectangle

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



C0022C



895300



007795



006ED6

Sweetspot

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



C0022C



FAAFC0



9402C0



7D505A



FCFCFC



7D7D7D

Same Dimension

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



C0022C



FA0037



C03502



615759



A10024



210007

Inverse Universe

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



C0022C



FA0037



028DC0



615759



A10024



210007

Previews

White Background



This preview shows how the Hex color C0022C looks on a white background.

Color Contrast Check

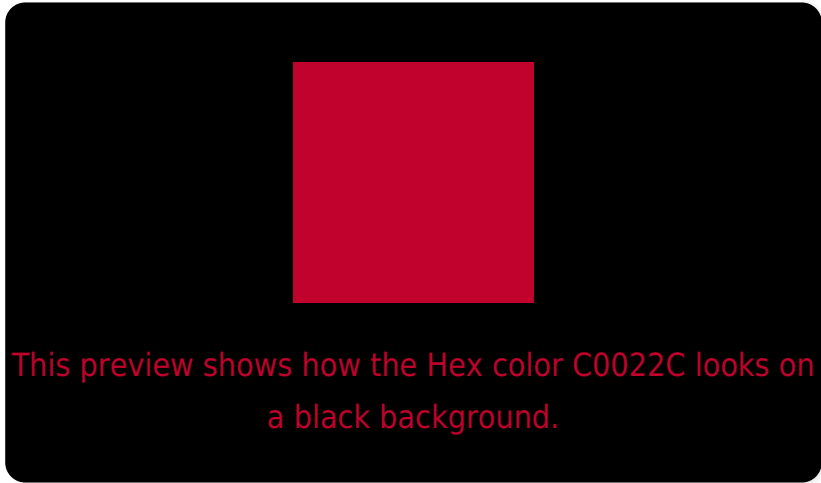
Large Text (above 18pt) WCAG AA ✓ Pass

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 C0022C Background



This preview shows how black text looks on a background with the Hex color C0022C.



This preview shows how white text looks on a background with the Hex color C0022C.

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
C0022C

Protanopia
696143

Deuteranopia
7A5D20

Trichromacy



Original Color
C0022C

Protanomaly
893E3B

Deuteranomaly
933C24

Tritanomaly
BF0C16

Monochromacy



Original Color
C0022C

Achromatopsia
404040

Achromatomaly
6F2939

CSS Examples

Text

The CSS property to change the color of the text to Hex C0022C 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 #C0022C looks like.

```
.text, #text, p{  
    color:#C0022C  
}
```

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 #C0022C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0022C }
}
```

Border

The CSS property to change the border of an element to Hex C0022C is called "border". The border property can be set on classes, ids or directly on the HTML element.

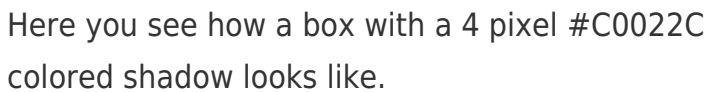
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #C0022C }
}
```

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

```
.border{ border-color:#C0022C }
```

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



Here you see how a box with a 4 pixel `#C0022C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0022C; -webkit-box-shadow:4px 4px  
4px 4px #C0022C; box-shadow:4px 4px 4px  
4px #C0022C }
```

Background

The CSS property to change the background color of an element to Hex C0022C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0022C }
```

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

```
.background{ background-color:#C0022C }
```

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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