

Converting Colors

Hex(CC003C)

Have a look what the booklet for
Hex(CC003C) contains.

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Color

Hex(CC003C)

Conversions

Conversions Part 1

Format	Color
Hex	CC003C
RGB	204, 0, 60
RGB Percent	80%, 0%, 24%
CMY	0.2000, 1.0000, 0.7647
CMYK	0.00, 1.00, 0.71, 0.20
HSL	342°, 100%, 40%
HSV	342°, 100%, 80%
XYZ	25.7175, 13.1636, 5.4603
YIQ	67.8360, 102.3240, 61.9080

Conversions

Conversions Part 2

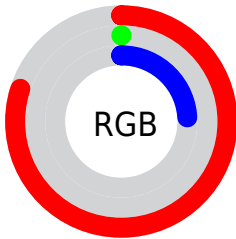
Format	Color
RYB	204, 0, 60
Decimal	13369404
CIELab	43.01, 69.05, 27.99
CIElCh	43, 74.503, 22.063
Yxy	13.1636, 0.5800, 0.2969
Android (android.graphics.Color)	4291559484 (0xFFCC003C)
YUV	67.8360, -3.8631, 119.4158
Hunter-Lab	36.2817, 63.0327, 16.4741

Details

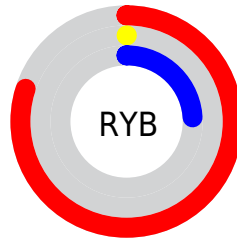
The Hex color **CC003C** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00CC90**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF566B**, and **8D0013** is the 20% darker color. If you saturate the color by 10%, you get **CC003C**, and if you desaturate by 10%, it is **CC144A**.

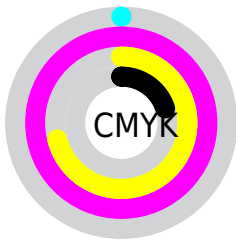
Distribution



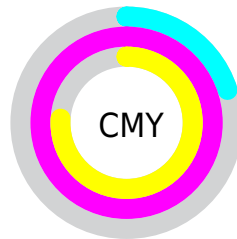
- Red (80%)
- Green (0%)
- Blue (24%)



- Red (80%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC003C 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 CC003C by changing the saturation by 10% instead.

 CC003C

 CC003C

FFFFFF

 AC0027

 FF566B

 8D0013

 FF7484

 6E0000

 FF919E

 500003

 FFAFB9

 310002

 FFCCD5

 000000

 FFEAF1

 CC003C

 CC144A

 CC2959

 CC3D67

 CC5276

 CC6684

 CC7A92

 CC8FA1

 CCA3AF

 CCB8BE

Harmonies

Analogous

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



C70079



CC003C



B43E00

Triad

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



CC003C



007905



0073E2

Complementary

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



CC003C



00CC90

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.



007DC7



CC003C



007E53

Square

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



CC003C



517000



007F93



205DDA

Rectangle

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



CC003C



9A5500



007F93



0077DC

Sweetspot

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



CC003C



FFB3C9



8F00CC



80525F



000000



808080

Same Dimension

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



CC003C



FF004B



CC2900



665C5F



A60031



26000B

Inverse Universe

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



CC003C



FF004B



00A3CC



665C5F



A60031



26000B

Previews

White Background



This preview shows how the Hex color CC003C looks on a white background.

Color Contrast Check

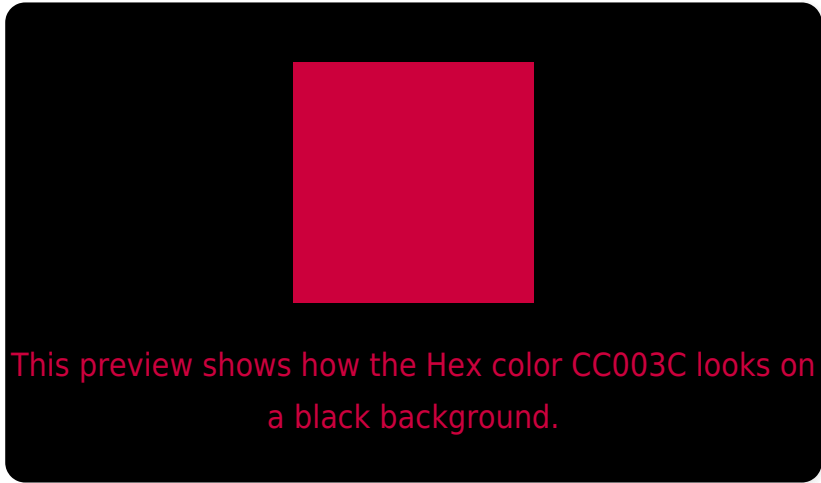
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC003C Background



This preview shows how black text looks on a background with the Hex color CC003C.

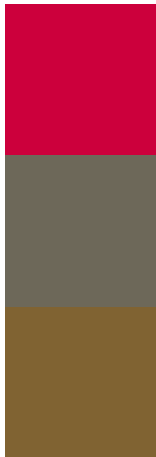


This preview shows how white text looks on a background with the Hex color CC003C.

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
CC003C

Protanopia
6D6859

Deuteranopia
806332



Tritanopia
CB1813

Trichromacy



Original Color
CC003C



Protanomaly
90424E



Deuteranomaly
9C3F36



Tritanomaly
CB0F22

Monochromacy



Original Color
CC003C



Achromatopsia
444444



Achromatomaly
752B41

CSS Examples

Text

The CSS property to change the color of the text to Hex CC003C 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 #CC003C looks like.

```
.text, #text, p{  
    color:#CC003C  
}
```

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 #CC003C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC003C
}
```

Border

The CSS property to change the border of an element to Hex CC003C 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".

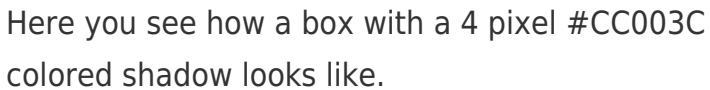
```
.border, #border, table{ border:4px solid
#CC003C }
```

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

```
.border{ border-color:#CC003C }
```

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

Here you see how a box with a 4 pixel #CC003C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC003C; -webkit-box-shadow:4px 4px  
4px 4px #CC003C; box-shadow:4px 4px 4px  
4px #CC003C }
```

Background

The CSS property to change the background color of an element to Hex CC003C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC003C }
```

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

```
.background{ background-color:#CC003C }
```

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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