

Converting Colors

Hex(CF003B)

Have a look what the booklet for
Hex(CF003B) contains.

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Color

Hex(CF003B)

Conversions

Conversions Part 1

Format	Color
Hex	CF003B
RGB	207, 0, 59
RGB Percent	81%, 0%, 23%
CMY	0.1882, 1.0000, 0.7686
CMYK	0.00, 1.00, 0.71, 0.19
HSL	343°, 100%, 41%
HSV	343°, 100%, 81%
XYZ	26.5215, 13.5812, 5.3613
YIQ	68.6190, 104.4330, 62.2330

Conversions

Conversions Part 2

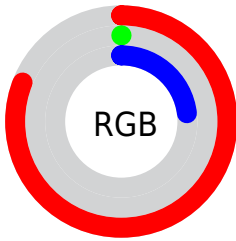
Format	Color
R_{YB}	207, 0, 59
Decimal	13566011
CIE Lab	43.63, 69.72, 29.50
CIE LCh	44, 75.705, 22.933
Yxy	13.5812, 0.5834, 0.2987
Android (android.graphics.Color)	4291756091 (0xFFCF003B)
YUV	68.6190, -4.7422, 121.3601
Hunter-Lab	36.8526, 63.9681, 17.1714

Details

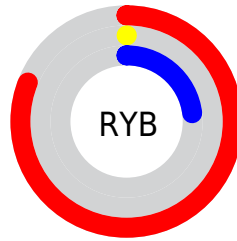
The Hex color **CF003B** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00CF94**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF576A**, and **900012** is the 20% darker color. If you saturate the color by 10%, you get **CF003B**, and if you desaturate by 10%, it is **CF154A**.

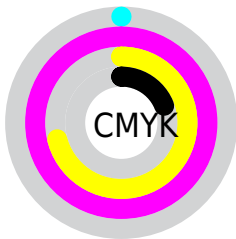
Distribution



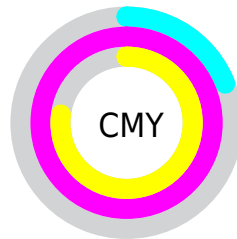
- Red (81%)
- Green (0%)
- Blue (23%)



- Red (81%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF003B 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 CF003B by changing the saturation by 10% instead.

 CF003B

 CF003B

FFFFFF

 AF0026

 FF576A

 900012

 FF7583

 710000

 FF929D

 520002

 FFB0B8

 340002

 FFCDD4

 000000

 FFEBF0

 CF003B

 CF154A

 CF2959

 CF3E67

 CF5376

 CF6885

 CF7C94

 CF91A3

 CFA6B1

 CFBAC0

Harmonies

Analogous

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



CB0079



CF003B



B64000

Triad

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



CF003B



007C08



0074E6

Complementary

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



CF003B



00CF94

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.



007ECC



CF003B



008056

Square

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



CF003B



507200



008197



295DDD

Rectangle

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



CF003B



9B5700



008197



0079E1

Sweetspot

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



CF003B



FFB3C8



9100CF



80525F



000000



808080

Same Dimension

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



CF003B



FF0049



CF2900



695E61



A80030



29000C

Inverse Universe

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



CF003B



FF0049



00A6CF



695E61



A80030



29000C

Previews

White Background



This preview shows how the Hex color CF003B looks on a white background.

Color Contrast Check

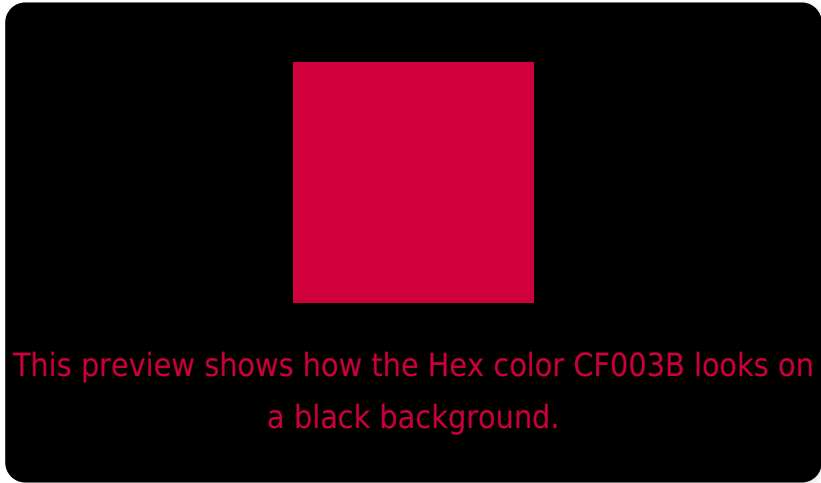
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF003B Background



This preview shows how black text looks on a background with the Hex color CF003B.

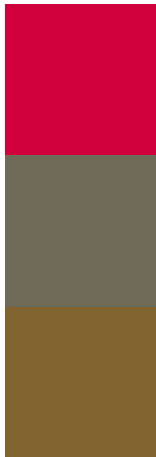


This preview shows how white text looks on a background with the Hex color CF003B.

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
CF003B

Protanopia
6F6958

Deuteranopia
826431

Trichromacy



Original Color
CF003B



Protanomaly
92434D



Deuteranomaly
9E4035



Tritanomaly
CE0F22

Monochromacy



Original Color
CF003B



Achromatopsia
454545



Achromatomaly
772C41

CSS Examples

Text

The CSS property to change the color of the text to Hex CF003B 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 #CF003B looks like.

```
.text, #text, p{  
    color:#CF003B  
}
```

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 #CF003B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF003B
}
```

Border

The CSS property to change the border of an element to Hex CF003B is called "border". The border property can be set on classes, ids or directly on the HTML element.

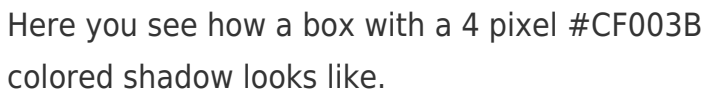
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CF003B }
```

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

```
.border{ border-color:#CF003B }
```

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



Here you see how a box with a 4 pixel `#CF003B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF003B; -webkit-box-shadow:4px 4px  
4px 4px #CF003B; box-shadow:4px 4px 4px  
4px #CF003B }
```

Background

The CSS property to change the background color of an element to Hex CF003B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF003B }
```

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

```
.background{ background-color:#CF003B }
```

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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