

Converting Colors

Hex(CB0044)

Have a look what the booklet for
Hex(CB0044) contains.

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Color

Hex(CB0044)

Conversions

Conversions Part 1

Format	Color
Hex	CB0044
RGB	203, 0, 68
RGB Percent	80%, 0%, 27%
CMY	0.2039, 1.0000, 0.7333
CMYK	0.00, 1.00, 0.67, 0.20
HSL	340°, 100%, 40%
HSV	340°, 100%, 80%
XYZ	25.6720, 13.1139, 6.6470
YIQ	68.4490, 99.1600, 64.1840

Conversions

Conversions Part 2

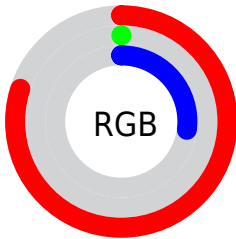
Format	Color
RYB	203, 0, 68
Decimal	13303876
CIELab	42.93, 69.18, 22.86
CIElCh	43, 72.856, 18.287
Yxy	13.1139, 0.5651, 0.2886
Android (android.graphics.Color)	4291493956 (0xFFCB0044)
YUV	68.4490, -0.2214, 118.0012
Hunter-Lab	36.2131, 63.1685, 14.4663

Details

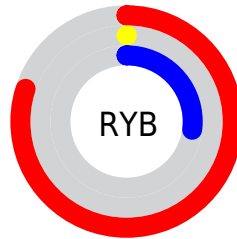
The Hex color **CB0044** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00CB87**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **FF5674**, and **8C001A** is the 20% darker color. If you saturate the color by 10%, you get **CB0044**, and if you desaturate by 10%, it is **CB1452**.

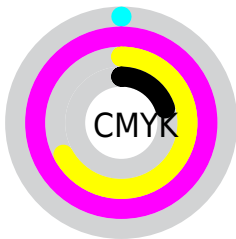
Distribution



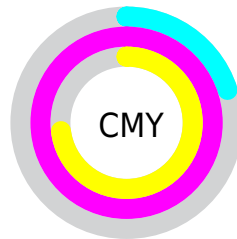
- Red (80%)
- Green (0%)
- Blue (27%)



- Red (80%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (20%)



- Cyan (20%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB0044 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 CB0044 by changing the saturation by 10% instead.

 CB0044

 CB0044

FFFFFF

 AC002E

 FF5674

 8C001A

 FF748D

 6E0000

 FF91A7

 500003

 FFAFC3

 310002

 FFCCDE

 000000

 FFEAFB

 CB0044

 CB1452

 CB295F

 CB3D6D

 CB517A

 CB6688

 CB7A95

 CB8EA3

 CBA2B0

 CBB7BE

Harmonies

Analogous

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



C20480



CB0044



B73A00

Triad

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



CB0044



007800



0074DD

Complementary

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



CB0044



00CB87

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.



007DBF



CB0044



007D4B

Square

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



CB0044



5A6E00



007E8A



0060DA

Rectangle

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



CB0044



9E5100



007E8A



0078D7

Sweetspot

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



CB0044



FFB3CC



8400CB



805261



000000



808080

Same Dimension

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



CB0044



FF0055



CB1E00



665C5F



A60038



26000D

Inverse Universe

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



CB0044



FF0055



00ADCB



665C5F



A60038



26000D

Previews

White Background



This preview shows how the Hex color CB0044 looks on a white background.

Color Contrast Check

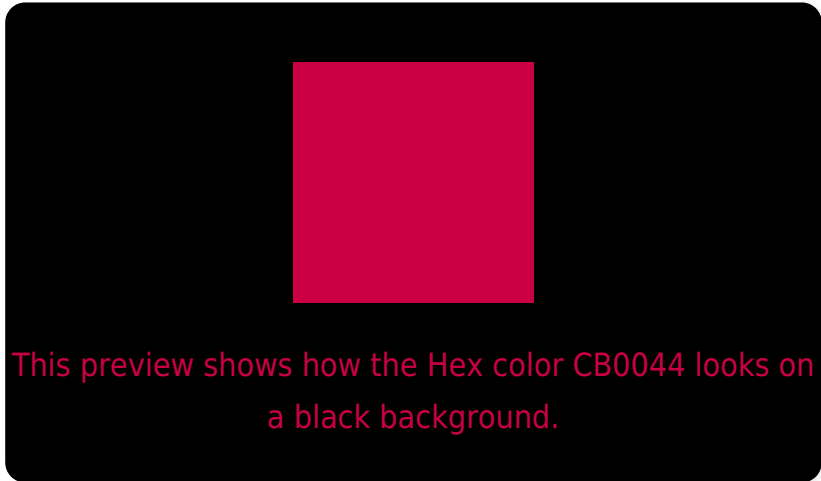
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB0044 Background



This preview shows how black text looks on a background with the Hex color CB0044.



This preview shows how white text looks on a background with the Hex color CB0044.

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
CB0044

Protanopia
6A6764

Deuteranopia
7E633B

Trichromacy



Original Color
CB0044



Protanomaly
8D4258



Deuteranomaly
9A3F3E



Tritanomaly
CA1128

Monochromacy



Original Color
CB0044



Achromatopsia
444444



Achromatomaly
752B44

CSS Examples

Text

The CSS property to change the color of the text to Hex CB0044 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 #CB0044 looks like.

```
.text, #text, p{  
    color:#CB0044  
}
```

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 #CB0044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB0044
}
```

Border

The CSS property to change the border of an element to Hex CB0044 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
#CB0044 }
```

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

```
.border{ border-color:#CB0044 }
```

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

Here you see how a box with a 4 pixel #CB0044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB0044; -webkit-box-shadow:4px 4px  
4px 4px #CB0044; box-shadow:4px 4px 4px  
4px #CB0044 }
```

Background

The CSS property to change the background color of an element to Hex CB0044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB0044 }
```

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

```
.background{ background-color:#CB0044 }
```

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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