

Converting Colors

Hex(CC0C44)

Have a look what the booklet for
Hex(CC0C44) contains.

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Color

Hex(CC0C44)

Conversions

Conversions Part 1

Format	Color
Hex	CC0C44
RGB	204, 12, 68
RGB Percent	80%, 5%, 27%
CMY	0.2000, 0.9529, 0.7333
CMYK	0.00, 0.94, 0.67, 0.20
HSL	342°, 89%, 42%
HSV	342°, 94%, 80%
XYZ	26.0767, 13.5177, 6.7036
YIQ	75.7920, 96.4560, 58.1200

Conversions

Conversions Part 2

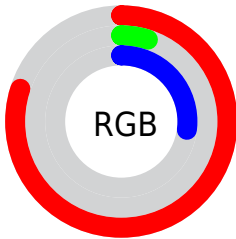
Format	Color
R_{YB}	204, 12, 68
Decimal	13372484
CIE Lab	43.53, 68.29, 23.67
CIE LCh	44, 72.272, 19.118
Yxy	13.5177, 0.5632, 0.2920
Android (android.graphics.Color)	4291562564 (0xFFCC0C44)
YUV	75.7920, -3.8415, 112.4384
Hunter-Lab	36.7664, 62.2607, 14.9261

Details

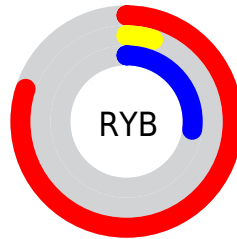
The Hex color **CC0C44** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0CCC94**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **FF5974**, and **8D001A** is the 20% darker color. If you saturate the color by 10%, you get **CC003C**, and if you desaturate by 10%, it is **CC2052**.

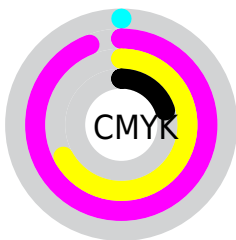
Distribution



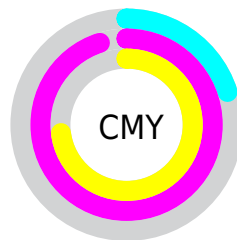
- Red (80%)
- Green (5%)
- Blue (27%)



- Red (80%)
- Yellow (5%)
- Blue (27%)



- Cyan (0%)
- Magenta (94%)
- Yellow (67%)
- Black (20%)



- Cyan (20%)
- Magenta (95%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC0C44 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 CC0C44 by changing the saturation by 10% instead.

 CC0C44

 CC0C44

FFFFFF

 AD002E

 FF5974

 8D001A

 FF778D

 6F0000

 FF94A8

 510002

 FFB1C3

 320002

 FFCDFD

 000000

 FFEDFB

 CC0C44

 CC0C44

 CC003C

 CC2052

 CC3561

 CC496F

 CC5E7E

 CC728C

 CC869B

 CC9BA9

 CCAFB8

 CCC4C6

Harmonies

Analogous

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



C40B7F



CC0C44



B73D01

Triad

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



CC0C44



007A01



0075DE

Complementary

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



CC0C44



0CCC94

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.



007EC1



CC0C44



007E4E

Square

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



CC0C44



5A7000



00808D



0061DA

Rectangle

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



CC0C44



9F5400



00808D



0079D8

Sweetspot

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



CC0C44



FFB8CC



920CCC



805461



000000



808080

Same Dimension

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



CC0C44



FF004A



CC320C



665C5F



A60030



26000B

Inverse Universe

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



CC0C44



FF004A



0CA6CC



665C5F



A60030



26000B

Previews

White Background



This preview shows how the Hex color CC0C44 looks on a white background.

Color Contrast Check

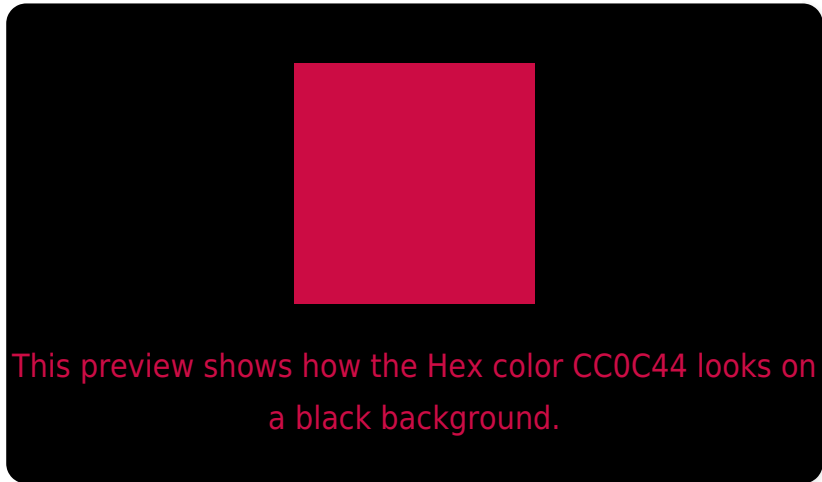
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC0C44 Background



This preview shows how black text looks on a background with the Hex color CC0C44.



This preview shows how white text looks on a background with the Hex color CC0C44.

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

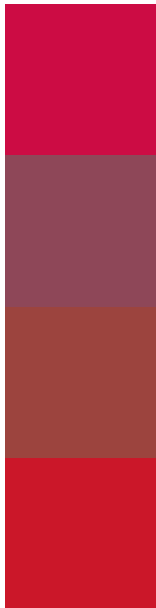


Original Color
CC0C44

Protanopia
6B6864

Deuteranopia
80643B

Trichromacy



Original Color
CC0C44

Protanomaly
8E4758

Deuteranomaly
9C443E

Tritanomaly
CB1729

Monochromacy



Original Color
CC0C44

Achromatopsia
4C4C4C

Achromatomaly
7B3549

CSS Examples

Text

The CSS property to change the color of the text to Hex CC0C44 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 #CC0C44 looks like.

```
.text, #text, p{  
    color:#CC0C44  
}
```

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 #CC0C44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0C44
}
```

Border

The CSS property to change the border of an element to Hex CC0C44 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
#CC0C44 }
```

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

```
.border{ border-color:#CC0C44 }
```

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

Here you see how a box with a 4 pixel #CC0C44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0C44; -webkit-box-shadow:4px 4px  
4px 4px #CC0C44; box-shadow:4px 4px 4px  
4px #CC0C44 }
```

Background

The CSS property to change the background color of an element to Hex CC0C44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0C44 }
```

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

```
.background{ background-color:#CC0C44 }
```

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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