

Converting Colors

Hex(CC0945)

Have a look what the booklet for
Hex(CC0945) contains.

Hex(CC0945)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	18
<i>Color Blindness Simulation</i>	21
<i>CSS Examples</i>	24

Color

Hex(CC0945)

Conversions

Conversions Part 1

Format	Color
Hex	CC0945
RGB	204, 9, 69
RGB Percent	80%, 4%, 27%
CMY	0.2000, 0.9647, 0.7294
CMYK	0.00, 0.96, 0.66, 0.20
HSL	342°, 92%, 42%
HSV	342°, 96%, 80%
XYZ	26.0737, 13.4624, 6.8545

Conversions

Conversions Part 2

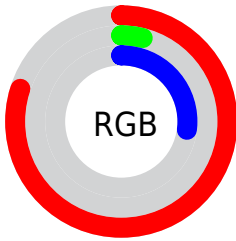
Format	Color
RYB	204, 9, 69
Decimal	13371717
CIELab	43.45, 68.62, 22.94
CIELCh	43, 72.357, 18.486
Yxy	13.4624, 0.5620, 0.2902
Android (android.graphics.Color)	4291561797 (0xFFCC0945)
YUV	74.1450, -2.5365, 113.8828

Details

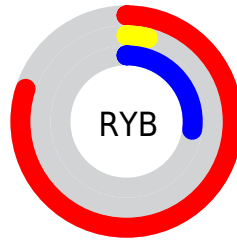
The Hex color **CC0945** is a dark color, and the **websafe** version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **09CC90**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **FF5975**, and **8D001B** is the 20% darker color. If you saturate the color by 10%, you get **CC003F**, and if you desaturate by 10%, it is **CC1D53**.

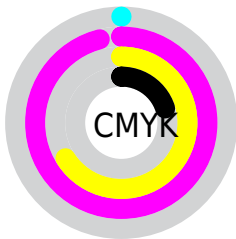
Distribution



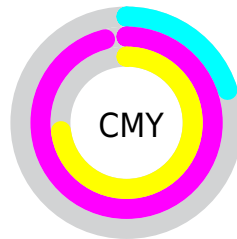
- Red (80%)
- Green (4%)
- Blue (27%)



- Red (80%)
- Yellow (4%)
- Blue (27%)



- Cyan (0%)
- Magenta (96%)
- Yellow (66%)
- Black (20%)



- Cyan (20%)
- Magenta (96%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC0945 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 CC0945 by changing the saturation by 10% instead.

 CC0945

 EC395C

 FF5975

 FF768E

 FF94A9

 FFB1C4

 FFC EE0

 FFECFC

FFFFFF

 CC0945

 AD002F

 8D001B

 6F0000

 510002

 320002

 000000

 CC0945

 CC003F

 CC0945

 CC1D53

 CC3261

 CC466F

 CC5B7D

 CC6F8C

 CC839A

■ CC98A8

■ CCACB6

■ CCC1C4

Harmonies

Analogous

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



C30C80



CC0945



B83C02

Triad

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



CC0945



007900



0075DE

Complementary

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



CC0945



09CC90

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.



007EC0



CC0945



007E4D

Square

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



CC0945



5B6F00



00808B



0061DA

Rectangle

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



CC0945



9F5300



00808B



0079D7

Sweetspot

The sweet spot groups the original color and five complimentary colors.



CC0945



FFB5CC



8E09CC



805361



000000



808080

Previews

White Background



This preview shows how the Hex color CC0945 looks on a white background.

Color Contrast Check

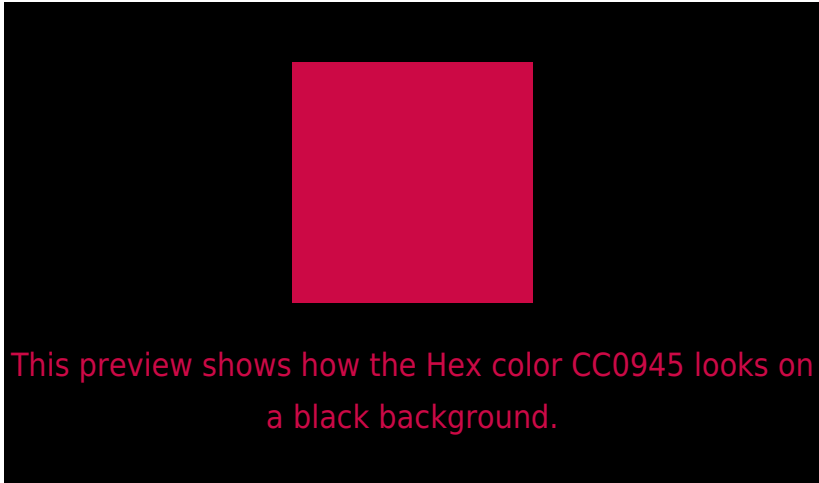
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC0945 Background



This preview shows how black text looks on a background with the Hex color CC0945.



This preview shows how white text looks on a background with the Hex color CC0945.

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
CC0945

Protanopia
6B6865

Deuteranopia
7F643C

Trichromacy



Original Color
CC0945



Protanomaly
8E4559



Deuteranomaly
9B433F



Tritanomaly
CB162A

Monochromacy



Original Color
CC0945



Achromatopsia
4A4A4A



Achromatomaly
793248

CSS Examples

Text

The CSS property to change the color of the text to Hex CC0945 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 #CC0945 looks like.

```
.text, #text, p{  
    color:#CC0945  
}
```


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 #CC0945 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0945
}
```

Border

The CSS property to change the border of an element to Hex CC0945 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
#CC0945 }
```

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

```
.border{ border-color:#CC0945 }
```

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

Here you see how a box with a 4 pixel #CC0945 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0945; -webkit-box-shadow:4px 4px  
4px 4px #CC0945; box-shadow:4px 4px 4px  
4px #CC0945 }
```

Background

The CSS property to change the background color of an element to Hex CC0945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0945 }
```

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

```
.background{ background-color:#CC0945 }
```

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](#).

Hey! You found this booklet interesting? Have a look at my other booklet **HOWCOLORS.WORK – A CSS color notation guide.**



HOWCOLORS.WORK

A CSS color notation guide.

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.

You will learn all the current and new ways to express colors to prepare yourself for the future!

[Buy now, starting at \\$4.99!](#)

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