

# Converting Colors

Hex(CC0E44)

Have a look what the booklet for  
Hex(CC0E44) contains.

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# Color

**Hex(CC0E44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC0E44
RGB	204, 14, 68
RGB Percent	80%, 5%, 27%
CMY	0.2000, 0.9451, 0.7333
CMYK	0.00, 0.93, 0.67, 0.20
HSL	343°, 87%, 43%
HSV	343°, 93%, 80%
XYZ	26.1023, 13.5688, 6.7121
YIQ	76.9660, 95.9060, 57.0740

# Conversions

## Conversions Part 2

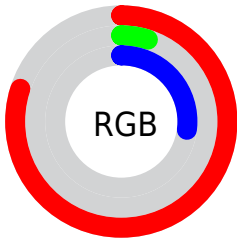
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	204, 14, 68
Decimal	13372996
CIELab	43.61, 68.07, 23.77
CIELCh	44, 72.098, 19.246
Yxy	13.5688, 0.5628, 0.2925
Android (android.graphics.Color)	4291563076 (0xFFCC0E44)
YUV	76.9660, -4.4202, 111.4088
Hunter-Lab	36.8359, 62.0242, 14.9814

# Details

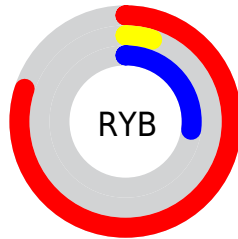
The Hex color **CC0E44** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0ECC96**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5A74**, and **8D001A** is the 20% darker color. If you saturate the color by 10%, you get **CC003A**, and if you desaturate by 10%, it is **CC2253**.

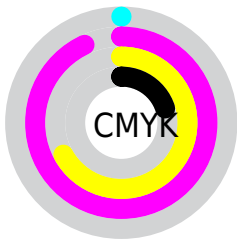
# Distribution



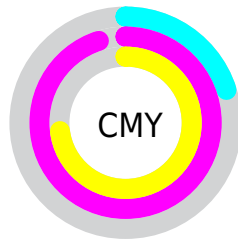
- Red (80%)
- Green (5%)
- Blue (27%)



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



- Cyan (0%)
- Magenta (93%)
- Yellow (67%)
- Black (20%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color CC0E44 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 CC0E44 by changing the saturation by 10% instead.



 CC0E44

 CC0E44

FFFFFF

 AD002E

 FF5A74

 8D001A

 FF788D

 6F0000

 FF95A8

 510002

 FFB2C3

 320002

 FFCFDF

 000000

 FFEDFB

 CC0E44

 CC0E44

 CC003A

 CC2253

 CC3761

 CC4B70

 CC607E

 CC748D

 CC889C

 CC9DAA

 CCB1B9

 CCC6C7

# Harmonies

## Analogous

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



C40D7F



CC0E44



B73E01

# Triad

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



CC0E44



007A02



0075DE

# Complementary

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



CC0E44



0ECC96

# 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.



007EC2



CC0E44



007F4F

# Square

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



CC0E44



5A7000



00808D



0061DA

# Rectangle

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



CC0E44



9E5400



00808D



0079D8



# Sweetspot

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



CC0E44



FFB8CC



930ECC



805460



000000



808080



# Same Dimension

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



CC0E44



FF0048



CC340E



665C5F



A6002F



26000B



# Inverse Universe

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



CC0E44



FF0048



0EA6CC



665C5F



A6002F



26000B



# Previews

## White Background



This preview shows how the Hex color CC0E44 looks on a white background.

## Color Contrast Check

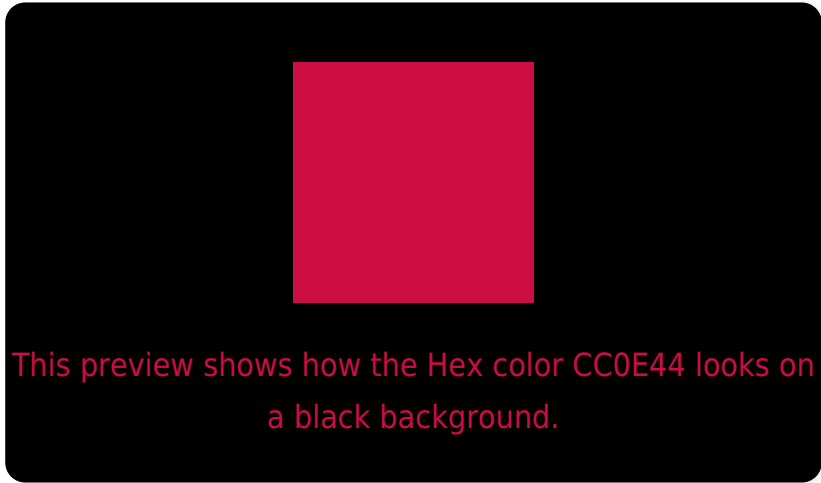
Large Text (above 18pt) WCAG AA ✓ Pass

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 CC0E44 Background



This preview shows how black text looks on a background with the Hex color CC0E44.



This preview shows how white text looks on a background with the Hex color CC0E44.

# 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



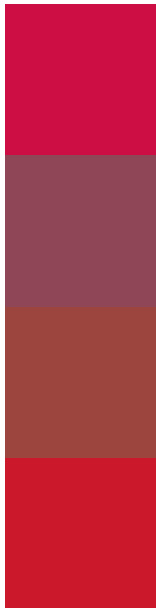
**Original Color**  
CC0E44

**Protanopia**  
6C6864

**Deuteranopia**  
80643B



# Trichromacy



**Original Color**  
CC0E44

**Protanomaly**  
8F4758

**Deuteranomaly**  
9C453E

**Tritanomaly**  
CB182A

# Monochromacy



**Original Color**  
CC0E44

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
7B364A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC0E44 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 #CC0E44 looks like.

```
.text, #text, p{  
    color:#CC0E44  
}
```

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 #CC0E44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0E44
}
```

## Border

The CSS property to change the border of an element to Hex CC0E44 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
#CC0E44 }
```

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

```
.border{ border-color:#CC0E44 }
```

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

Here you see how a box with a 4 pixel #CC0E44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0E44; -webkit-box-shadow:4px 4px  
4px 4px #CC0E44; box-shadow:4px 4px 4px  
4px #CC0E44 }
```

# Background

The CSS property to change the background color of an element to Hex CC0E44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0E44 }
```

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

```
.background{ background-color:#CC0E44 }
```

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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