

Converting Colors

Hex(CD0045)

Have a look what the booklet for
Hex(CD0045) contains.

Hex(CD0045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CD0045)

Conversions

Conversions Part 1

Format	Color
Hex	CD0045
RGB	205, 0, 69
RGB Percent	80%, 0%, 27%
CMY	0.1961, 1.0000, 0.7294
CMYK	0.00, 1.00, 0.66, 0.20
HSL	340°, 100%, 40%
HSV	340°, 100%, 80%
XYZ	26.2510, 13.4088, 6.8348
YIQ	69.1610, 100.0310, 64.9190

Conversions

Conversions Part 2

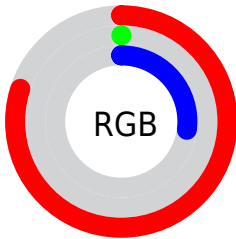
Format	Color
R_{YB}	205, 0, 69
Decimal	13434949
CIE _{Lab}	43.37, 69.70, 22.88
CIE _{LCh}	43, 73.359, 18.175
Yxy	13.4088, 0.5646, 0.2884
Android (android.graphics.Color)	4291625029 (0xFFCD0045)
YUV	69.1610, -0.0794, 119.1308
Hunter-Lab	36.6180, 63.8829, 14.5661

Details

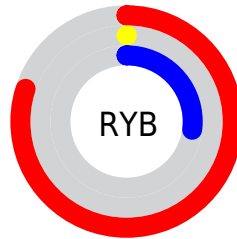
The Hex color **CD0045** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00CD88**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF5775**, and **8E001B** is the 20% darker color. If you saturate the color by 10%, you get **CD0045**, and if you desaturate by 10%, it is **CD1453**.

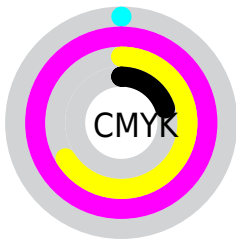
Distribution



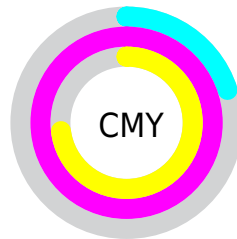
- Red (80%)
- Green (0%)
- Blue (27%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color CD0045 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 CD0045 by changing the saturation by 10% instead.

 CD0045

 CD0045

FFFFFF

 AE002F

 FF5775

 8E001B

 FF758E

 700000

 FF92A9

 510003

 FFAFC4

 330002

 FFCDE0

 000000

 FFEBFC

 CD0045

 CD1453

 CD2960

 CD3E6E

 CD527B

 CD6789

 CD7B97

 CD90A4

 CDA4B2

 CDB9BF

Harmonies

Analogous

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



C40481



CD0045



B93B01

Triad

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



CD0045



007900



0075DF

Complementary

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



CD0045



00CD88

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



CD0045



007E4B

Square

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



CD0045



5B6F00



00808B



0061DC

Rectangle

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



CD0045



A05200



00808B



0079D9

Sweetspot

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



CD0045



FFB3CC



8500CD



805261



000000



808080

Same Dimension

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



CD0045



FF0056



CD1F00



665C5F



A60038



26000D

Inverse Universe

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



CD0045



FF0056



00AECF



665C5F



A60038



26000D

Previews

White Background



This preview shows how the Hex color CD0045 looks on a white background.

Color Contrast Check

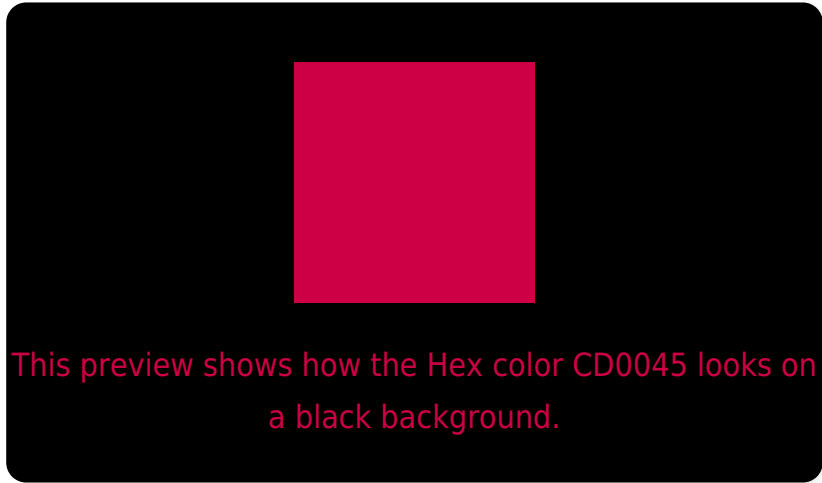
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD0045 Background



This preview shows how black text looks on a background with the Hex color CD0045.

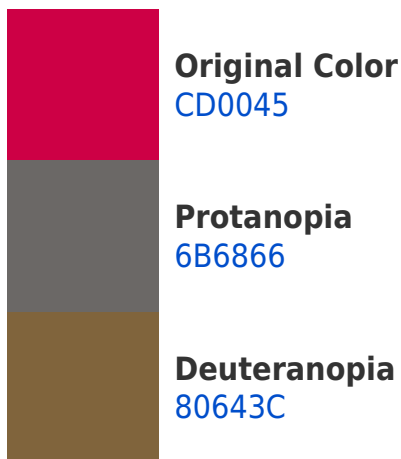


This preview shows how white text looks on a background with the Hex color CD0045.

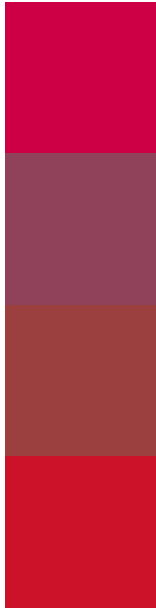
Color Blindness Simulation

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



Trichromacy



Original Color
CD0045

Protanomaly
8F425A

Deuteranomaly
9C403F

Tritanomaly
CC1228

Monochromacy



Original Color
CD0045

Achromatopsia
454545

Achromatomaly
762C45

CSS Examples

Text

The CSS property to change the color of the text to Hex CD0045 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 #CD0045 looks like.

```
.text, #text, p{  
  color:#CD0045  
}
```

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 #CD0045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD0045
}
```

Border

The CSS property to change the border of an element to Hex CD0045 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
#CD0045 }
```

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

```
.border{ border-color:#CD0045 }
```

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

Here you see how a box with a 4 pixel #CD0045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD0045; -webkit-box-shadow:4px 4px  
4px 4px #CD0045; box-shadow:4px 4px 4px  
4px #CD0045 }
```

Background

The CSS property to change the background color of an element to Hex CD0045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD0045 }
```

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

```
.background{ background-color:#CD0045 }
```

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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