

# Converting Colors

Hex(CD45BF)

Have a look what the booklet for  
Hex(CD45BF) contains.

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# Color

Hex(CD45BF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD45BF
RGB	205, 69, 191
RGB Percent	80%, 27%, 75%
CMY	0.1961, 0.7294, 0.2510
CMYK	0.00, 0.66, 0.07, 0.20
HSL	306°, 58%, 54%
HSV	306°, 66%, 80%
XYZ	36.7089, 20.9970, 51.4083
YIQ	123.5720, 41.8940, 66.7740

# Conversions

## Conversions Part 2

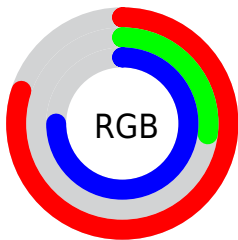
Format	Color
<a href="#">RYB</a>	<a href="#">205, 69, 191</a>
Decimal	<a href="#">13452735</a>
CIELab	<a href="#">52.95, 66.94, -36.86</a>
CIElCh	<a href="#">53, 76.420, 331.159</a>
Yxy	<a href="#">20.9970, 0.3364, 0.1924</a>
Android (android.graphics.Color)	<a href="#">4291642815 (0xFFCD45BF)</a>
YUV	<a href="#">123.5720, 33.2420, 71.4124</a>
Hunter-Lab	<a href="#">45.8224, 62.8093, -34.4418</a>

# Details

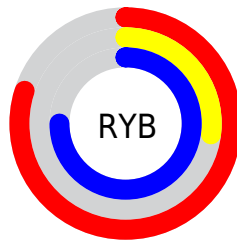
The Hex color **CD45BF** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted rose. A complement of this color would be **45CD53**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF7FF8**, and **930089** is the 20% darker color. If you saturate the color by 10%, you get **CD30BD**, and if you desaturate by 10%, it is **CD59C1**.

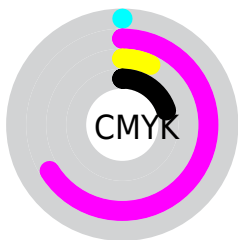
# Distribution



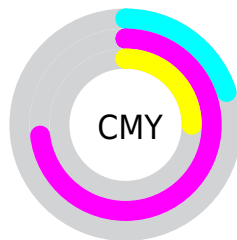
- Red (80%)
- Green (27%)
- Blue (75%)



- Red (80%)
- Yellow (27%)
- Blue (75%)



- Cyan (0%)
- Magenta (66%)
- Yellow (7%)
- Black (20%)



- Cyan (20%)
- Magenta (73%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD45BF 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 CD45BF by changing the saturation by 10% instead.



 CD45BF

 CD45BF

FFFFFF

 B024A4

 FF7FF8

 930089

 FF9BFF

 77006F

 FFB8FF

 5B0056

 FFD5FF

 41003F

 FFF3FF

 260028

 000111

 000000

 CD45BF

 CD45BF

■ CD30BD

■ CD59C1

■ CD1CBB

■ CD6EC3

■ CD07B9

■ CD83C5

■ CD00B8

■ CD97C7

■ CDABCA

■ CDC0CC

■ CDD4CE

■ CDE9D0

■ CDFDD2

# Harmonies

## Analogous

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



7A6BF0



CD45BF



EE257F

# Triad

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



CD45BF



977D00



009AC1

# Complementary

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



CD45BF



45CD53

# 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.



009A7F



CD45BF



548E00

# Square

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



CD45BF



C96100



00963A



0095F2

# Rectangle

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



CD45BF



EE3054



00963A



009BAC



# Sweetspot

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



CD45BF



FFCCFA



5345CD



80617C



000000



808080



# Same Dimension

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



CD45BF



FF33EA



CD457B



665C65



A60095



260022



# Inverse Universe

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



CD45BF



FF33EA



45CD97



665C65



A60095



260022



# Previews

## White Background



This preview shows how the Hex color CD45BF looks on a white background.

## Color Contrast Check

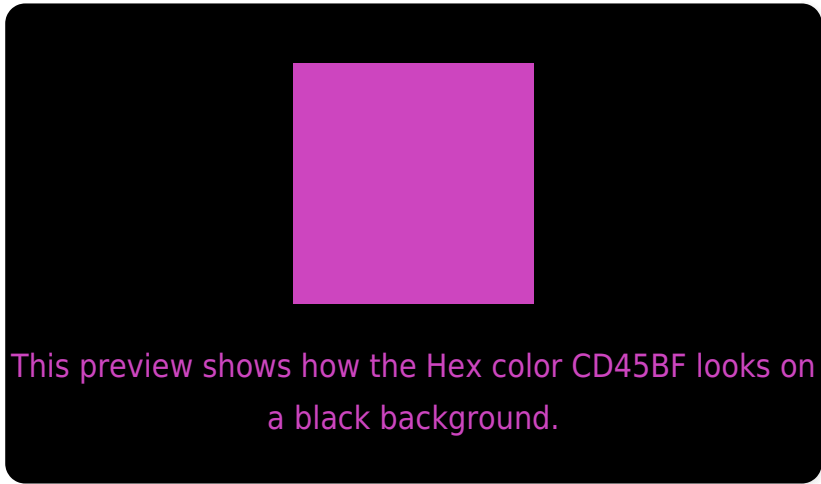
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

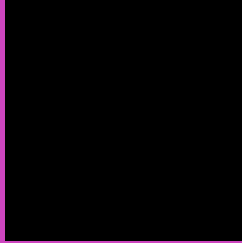
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CD45BF Background



This preview shows how black text looks on a background with the Hex color CD45BF.

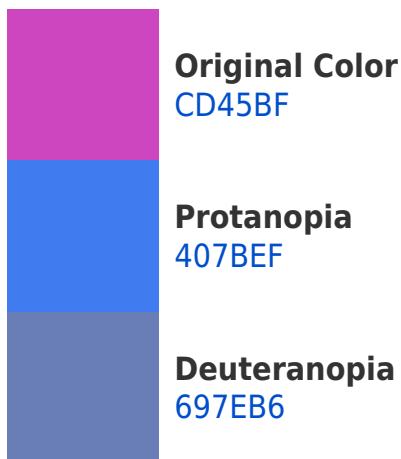


This preview shows how white text looks on a background with the Hex color CD45BF.

# 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





**Tritanopia**  
C46066

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD45BF 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 #CD45BF looks like.

```
.text, #text, p{  
    color:#CD45BF  
}
```

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 #CD45BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD45BF }  
}
```

## Border

The CSS property to change the border of an element to Hex CD45BF 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 #CD45BF }  
}
```

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

```
.border{ border-color:#CD45BF }
```

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

Here you see how a box with a 4 pixel #CD45BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD45BF; -webkit-box-shadow:4px 4px  
4px 4px #CD45BF; box-shadow:4px 4px 4px  
4px #CD45BF }
```

# Background

The CSS property to change the background color of an element to Hex CD45BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD45BF }
```

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

```
.background{ background-color:#CD45BF }
```

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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