

# Converting Colors

Hex(C945C7)

Have a look what the booklet for  
Hex(C945C7) contains.

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# Color

Hex(C945C7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C945C7
RGB	201, 69, 199
RGB Percent	79%, 27%, 78%
CMY	0.2118, 0.7294, 0.2196
CMYK	0.00, 0.66, 0.01, 0.21
HSL	301°, 55%, 53%
HSV	301°, 66%, 79%
XYZ	36.5243, 20.7973, 56.1221
YIQ	123.2880, 36.9420, 68.4140

# Conversions

## Conversions Part 2

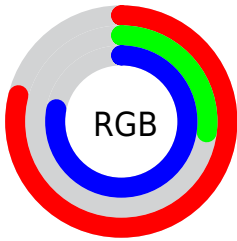
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 69, 199
Decimal	13190599
CIE Lab	52.73, 67.27, -41.86
CIE LCh	53, 79.236, 328.108
Yxy	20.7973, 0.3220, 0.1833
Android (android.graphics.Color)	4291380679 (0xFFC945C7)
YUV	123.2880, 37.3260, 68.1534
Hunter-Lab	45.6040, 63.1538, -41.0417

# Details

The Hex color **C945C7** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **45C947**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF7FFF**, and **8F0090** is the 20% darker color. If you saturate the color by 10%, you get **C931C7**, and if you desaturate by 10%, it is **C959C7**.

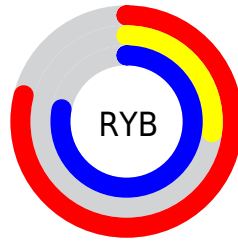
# Distribution



Red (79%)

Green (27%)

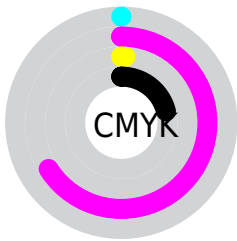
Blue (78%)



Red (79%)

Yellow (27%)

Blue (78%)

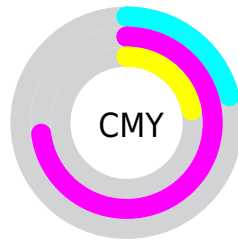


Cyan (0%)

Magenta (66%)

Yellow (1%)

Black (21%)



Cyan (21%)

Magenta (73%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C945C7 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 C945C7 by changing the saturation by 10% instead.



 C945C7

 C945C7

FFFFFF

 AC24AB

 FF7FFF

 8F0090

 FF9BFF

 730076

 FFB8FF

 58005D

 FFD5FF

 3E0045

 FFF3FF

 22002E

 000118

 000000

 C945C7

 C945C7

 C931C7

 C959C7

 C91DC6

 C96DC8

 C909C6

 C981C8

 C900C6

 C995C8

 C9AAC9

 C9BEC9

 C9D2C9

 C9E6C9

 C9FACA

# Harmonies

## Analogous

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



696EF8



C945C7



EF1A85

# Triad

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



C945C7



9C7A00



009BBD

# Complementary

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



C945C7



45C947

# 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.



009A77



C945C7



598C00

# Square

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



C945C7



CF5C00



00962E



0096F2

# Rectangle

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



C945C7



F22358



00962E



009BA7



# Sweetspot

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



C945C7



FFCCFE



4545C9



80617F



000000



808080



# Same Dimension

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



C945C7



FF36FC



C94587



635A63



A300A1



240023



# Inverse Universe

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



C945C7



FF36FC



45C987



635A63



A300A1

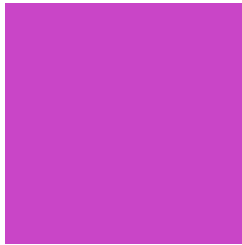


240023



# Previews

## White Background



This preview shows how the Hex color C945C7 looks on a white background.

## Color Contrast Check

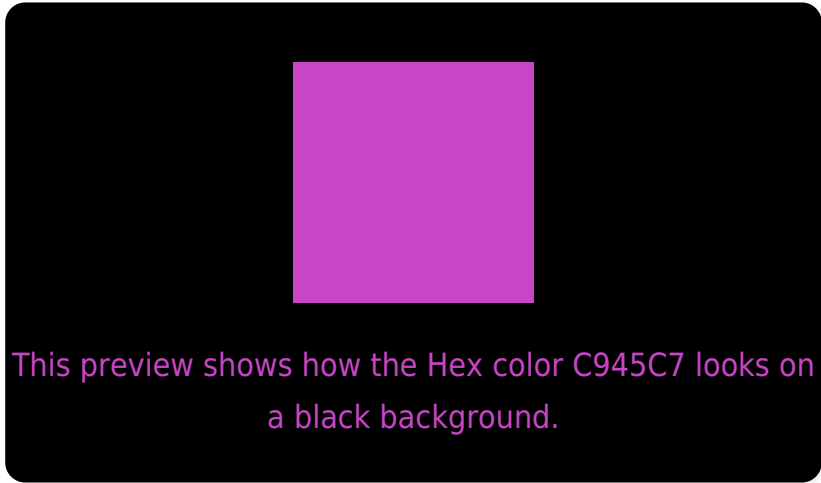
Large Text (above 18pt) WCAG AA ✓ Pass

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

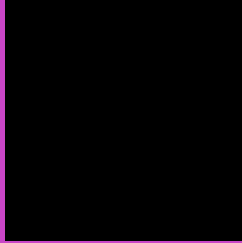
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C945C7 Background



This preview shows how black text looks on a background with the Hex color C945C7.

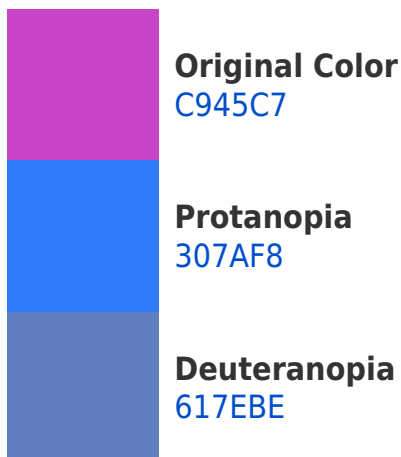


This preview shows how white text looks on a background with the Hex color C945C7.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C945C7 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 #C945C7 looks like.

```
.text, #text, p{  
    color:#C945C7  
}
```

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 #C945C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C945C7
}
```

## Border

The CSS property to change the border of an element to Hex C945C7 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
#C945C7 }
```

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

```
.border{ border-color:#C945C7 }
```

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

Here you see how a box with a 4 pixel #C945C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C945C7; -webkit-box-shadow:4px 4px  
4px 4px #C945C7; box-shadow:4px 4px 4px  
4px #C945C7 }
```

# Background

The CSS property to change the background color of an element to Hex C945C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C945C7 }
```

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

```
.background{ background-color:#C945C7 }
```

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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