

# Converting Colors

Hex(CD49B4)

Have a look what the booklet for  
Hex(CD49B4) contains.

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# Color

**Hex(CD49B4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD49B4
RGB	205, 73, 180
RGB Percent	80%, 29%, 71%
CMY	0.1961, 0.7137, 0.2941
CMYK	0.00, 0.64, 0.12, 0.20
HSL	311°, 57%, 55%
HSV	311°, 64%, 80%
XYZ	35.7976, 21.0395, 45.3543
YIQ	124.6660, 44.3250, 61.2610

# Conversions

## Conversions Part 2

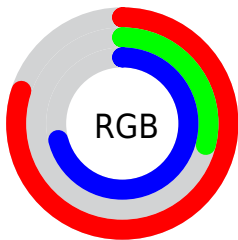
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 73, 180
Decimal	13453748
CIE <sub>Lab</sub>	52.99, 63.70, -30.41
CIE <sub>LCh</sub>	53, 70.589, 334.479
Yxy	21.0395, 0.3503, 0.2059
Android (android.graphics.Color)	4291643828 (0xFFCD49B4)
YUV	124.6660, 27.2797, 70.4529
Hunter-Lab	45.8688, 59.0370, -26.5167

# Details

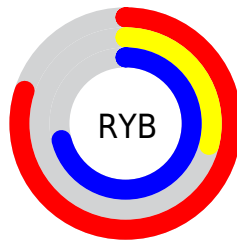
The Hex color **CD49B4** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **49CD62**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF82EC**, and **93007F** is the 20% darker color. If you saturate the color by 10%, you get **CD35B0**, and if you desaturate by 10%, it is **CD5EB8**.

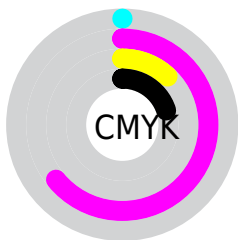
# Distribution



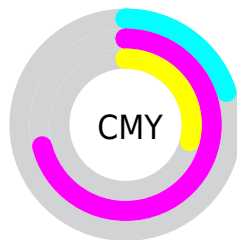
- Red (80%)
- Green (29%)
- Blue (71%)



- Red (80%)
- Yellow (29%)
- Blue (71%)



- Cyan (0%)
- Magenta (64%)
- Yellow (12%)
- Black (20%)



- Cyan (20%)
- Magenta (71%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD49B4 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 CD49B4 by changing the saturation by 10% instead.



 CD49B4

 CD49B4

FFFFFF

 B02A99

 FF82EC

 93007F

 FF9EFF

 770065

 FFBBFF

 5C004D

 FFD8FF

 420036

 FFF5FF

 270020

 000003

 000000

 CD49B4

 CD49B4

 CD35B0

 CD5EB8

 CD20AC

 CD72BC

 CD0CA8

 CD86C0

 CD00A6

 CD9BC4

 CDB0C7

 CDC4CB

 CDD9CF

 CDEDD3

 CDFFD7

# Harmonies

## Analogous

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



886AE4



CD49B4



E83678

# Triad

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



CD49B4



917F00



0099C2

# Complementary

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



CD49B4



49CD62

# 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.



009986



CD49B4



518E00

# Square

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



CD49B4



C16700



009647



0092EC

# Rectangle

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



CD49B4



E63F50



009647



0099AF



# Sweetspot

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



CD49B4



FFCFF6



6149CD



80627A



000000



808080



# Same Dimension

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



CD49B4



FF3BDA



CD4973



665C64



A60086



26001F



# Inverse Universe

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



CD49B4



FF3BDA



49CDA3



665C64



A60086



26001F



# Previews

## White Background



This preview shows how the Hex color CD49B4 looks on a white background.

## Color Contrast Check

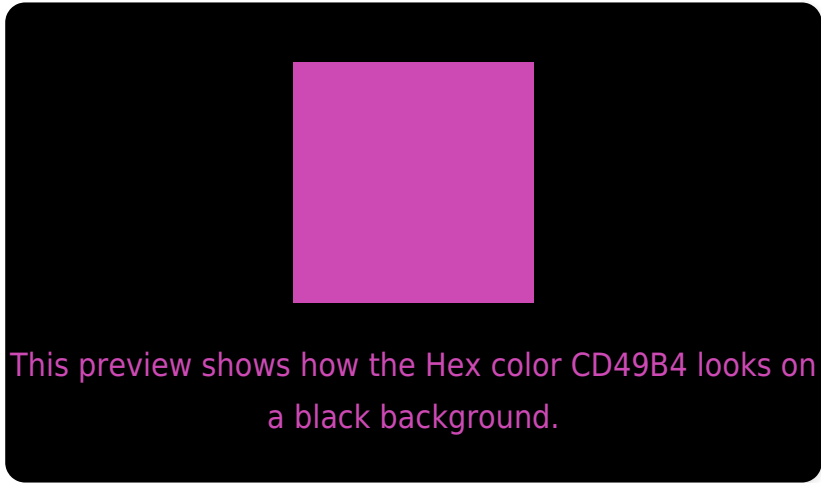
Large Text (above 18pt) WCAG AA ✓ Pass

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

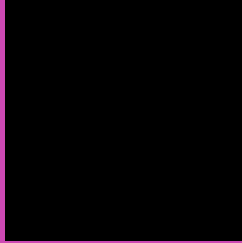
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CD49B4 Background



This preview shows how black text looks on a background with the Hex color CD49B4.

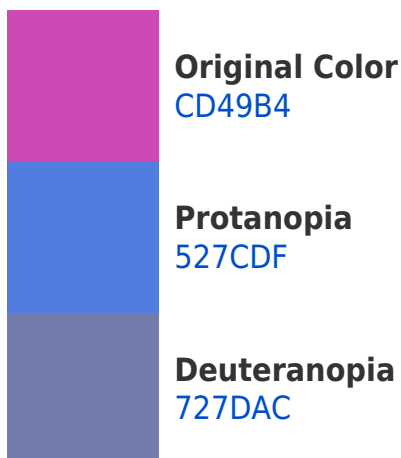


This preview shows how white text looks on a background with the Hex color CD49B4.

# 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**  
C55F66

# Trichromacy



**Original Color**  
CD49B4



**Protanomaly**  
7F69CF



**Deuteranomaly**  
936AAF



**Tritanomaly**  
C85782

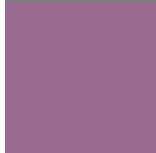
# Monochromacy



**Original Color**  
CD49B4



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
9A6A91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD49B4 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 #CD49B4 looks like.

```
.text, #text, p{  
    color:#CD49B4  
}
```

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 #CD49B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD49B4
}
```

## Border

The CSS property to change the border of an element to Hex CD49B4 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
#CD49B4 }
```

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

```
.border{ border-color:#CD49B4 }
```

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

Here you see how a box with a 4 pixel #CD49B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD49B4; -webkit-box-shadow:4px 4px  
4px 4px #CD49B4; box-shadow:4px 4px 4px  
4px #CD49B4 }
```

# Background

The CSS property to change the background color of an element to Hex CD49B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD49B4 }
```

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

```
.background{ background-color:#CD49B4 }
```

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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