

# Converting Colors

Hex(CD4D80)

Have a look what the booklet for  
Hex(CD4D80) contains.

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# Color

**Hex(CD4D80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD4D80
RGB	205, 77, 128
RGB Percent	80%, 30%, 50%
CMY	0.1961, 0.6980, 0.4980
CMYK	0.00, 0.62, 0.38, 0.20
HSL	336°, 56%, 55%
HSV	336°, 62%, 80%
XYZ	31.7270, 19.8454, 22.5804
YIQ	121.0860, 59.9170, 42.9970

# Conversions

## Conversions Part 2

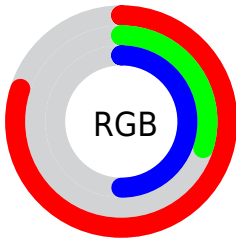
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 77, 128
Decimal	13454720
CIE Lab	51.66, 55.20, -1.72
CIE LCh	52, 55.224, 358.211
Yxy	19.8454, 0.4279, 0.2676
Android (android.graphics.Color)	4291644800 (0xFFCD4D80)
YUV	121.0860, 3.4086, 73.5926
Hunter-Lab	44.5482, 49.1675, 1.1310

# Details

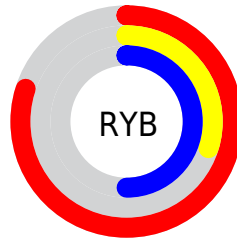
The Hex color **CD4D80** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **4DCD9A**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF84B5**, and **920A4F** is the 20% darker color. If you saturate the color by 10%, you get **CD3974**, and if you desaturate by 10%, it is **CD628C**.

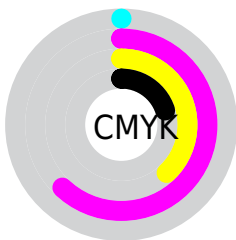
# Distribution



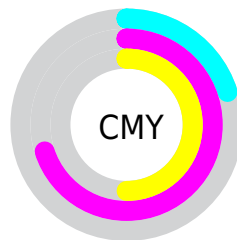
- Red (80%)
- Green (30%)
- Blue (50%)



- Red (80%)
- Yellow (30%)
- Blue (50%)



- Cyan (0%)
- Magenta (62%)
- Yellow (38%)
- Black (20%)



- Cyan (20%)
- Magenta (70%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD4D80 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 CD4D80 by changing the saturation by 10% instead.



 CD4D80

 CD4D80

FFFFFF

 B03067

 FF84B5

 920A4F

 FFA0D0

 760038

 FFBCEC

 5A0023

 FFD9FF

 40000D

 FFF7FF

 210001

 000000

 CD4D80

 CD4D80

 CD3974

 CD628C

 CD2467

 CD7699

 CD105B

 CD8BA5

 CD0052

 CD9FB1

 CDB4BE

 CDC8CA

 CDDDD6

 CDF1E3

 CDFFEF

# Harmonies

## Analogous

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



B15BAE



CD4D80



CE5351

# Triad

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



CD4D80



67851E



008CCB

# Complementary

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



CD4D80



4DCD9A

# 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.



0091A7



CD4D80



1A8D47

# Square

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



CD4D80



95780C



009177



0082DA

# Rectangle

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



CD4D80



C25F36



009177



008EC1



# Sweetspot

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



CD4D80



FFCFE2



9A4DCD



80626E



000000



808080



# Same Dimension

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



CD4D80



FF408C



CD5A4D



665C60



A60042



26000F



# Inverse Universe

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



CD4D80



FF408C



4DC0CD



665C60



A60042



26000F



# Previews

## White Background



This preview shows how the Hex color CD4D80 looks on a white background.

## Color Contrast Check

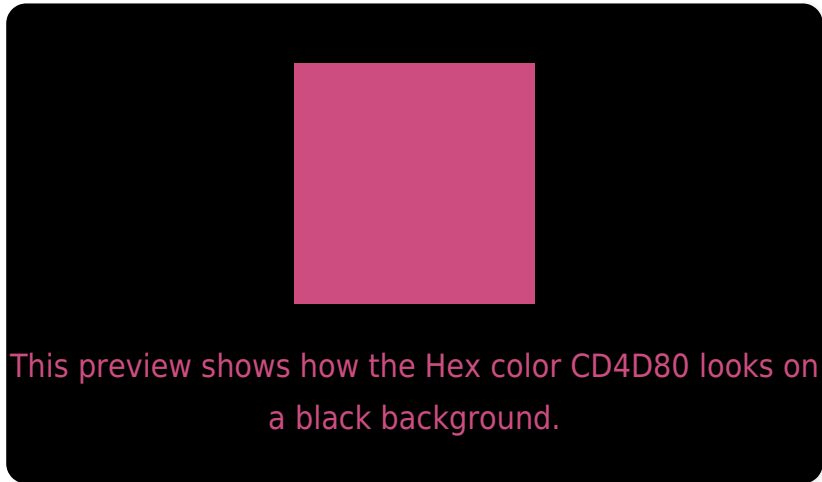
Large Text (above 18pt) WCAG AA ✓ Pass

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

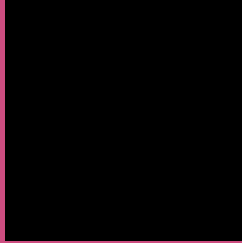
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CD4D80 Background



This preview shows how black text looks on a background with the Hex color CD4D80.

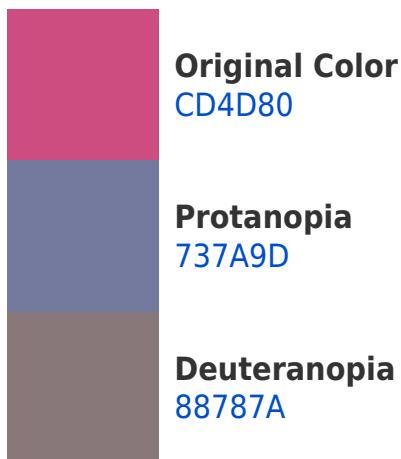


This preview shows how white text looks on a background with the Hex color CD4D80.

# Color Blindness Simulation

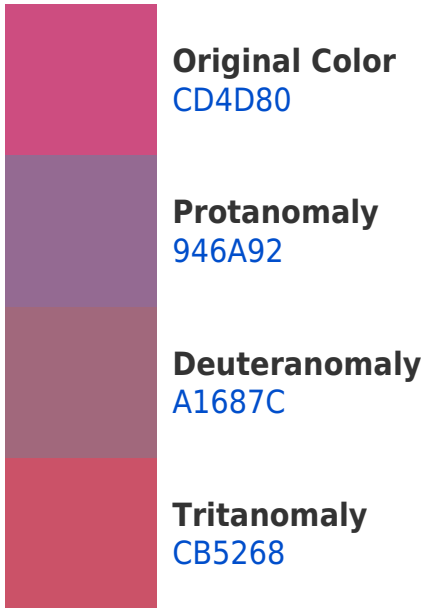
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD4D80 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 #CD4D80 looks like.

```
.text, #text, p{  
    color:#CD4D80  
}
```

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 #CD4D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD4D80
}
```

## Border

The CSS property to change the border of an element to Hex CD4D80 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
#CD4D80 }
```

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

```
.border{ border-color:#CD4D80 }
```

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

Here you see how a box with a 4 pixel #CD4D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD4D80; -webkit-box-shadow:4px 4px  
4px 4px #CD4D80; box-shadow:4px 4px 4px  
4px #CD4D80 }
```

# Background

The CSS property to change the background color of an element to Hex CD4D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD4D80 }
```

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

```
.background{ background-color:#CD4D80 }
```

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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