

# Converting Colors

Hex(CD4096)

Have a look what the booklet for  
Hex(CD4096) contains.

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# Color

**Hex(CD4096)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD4096
RGB	205, 64, 150
RGB Percent	80%, 25%, 59%
CMY	0.1961, 0.7490, 0.4118
CMYK	0.00, 0.69, 0.27, 0.20
HSL	323°, 59%, 53%
HSV	323°, 69%, 80%
XYZ	32.5153, 18.8479, 30.7784
YIQ	115.9630, 56.4300, 56.6380

# Conversions

## Conversions Part 2

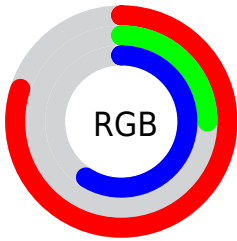
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	205, 64, 150
Decimal	13451414
CIELab	50.51, 63.02, -16.59
CIELCh	51, 65.163, 345.253
Yxy	18.8479, 0.3958, 0.2295
Android (android.graphics.Color)	4291641494 (0xFFCD4096)
YUV	115.9630, 16.7802, 78.0854
Hunter-Lab	43.4142, 57.7135, -11.6436

# Details

The Hex color **CD4096** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **40CD77**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF7ACC**, and **930063** is the 20% darker color. If you saturate the color by 10%, you get **CD2B8E**, and if you desaturate by 10%, it is **CD559E**.

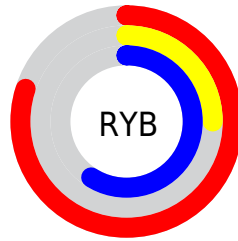
# Distribution



Red (80%)

Green (25%)

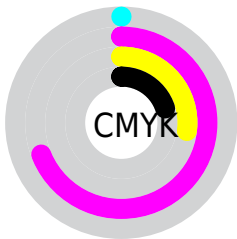
Blue (59%)



Red (80%)

Yellow (25%)

Blue (59%)

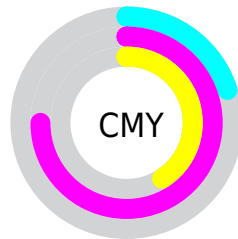


Cyan (0%)

Magenta (69%)

Yellow (27%)

Black (20%)



Cyan (20%)

Magenta (75%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD4096 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 CD4096 by changing the saturation by 10% instead.



 CD4096

 CD4096

FFFFFF

 B01E7C

 FF7ACC

 930063

 FF96E8

 76004B

 FFB3FF

 5A0034

 FFD0FF

 41001F

 FFEDFF

 240002

 000000

 CD4096

 CD4096

 CD2B8E

 CD559E

 CD1786

 CD69A6

 CD037E

 CD7EAE

 CD007D

 CD92B6

 CDA7BE

 CDBBC6

 CDD0CE

 CDE4D6

 CDF9DE

# Harmonies

## Analogous

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



9D5BC7



CD4096



DA3B5E

# Triad

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



CD4096



777E00



008FC6

# Complementary

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



CD4096



40CD77

# 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.



009194



CD4096



318A20

# Square

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



CD4096



A76C00



008F5A



0086E4

# Rectangle

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



CD4096



D2493B



008F5A



0090B7



# Sweetspot

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



CD4096



FFC9EA



7640CD



806073



000000



808080



# Same Dimension

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



CD4096



FF2BAC



CD4050



665C62



A60065



260017



# Inverse Universe

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



CD4096



FF2BAC



40CDBD



665C62



A60065



260017



# Previews

## White Background



This preview shows how the Hex color CD4096 looks on a white background.

## Color Contrast Check

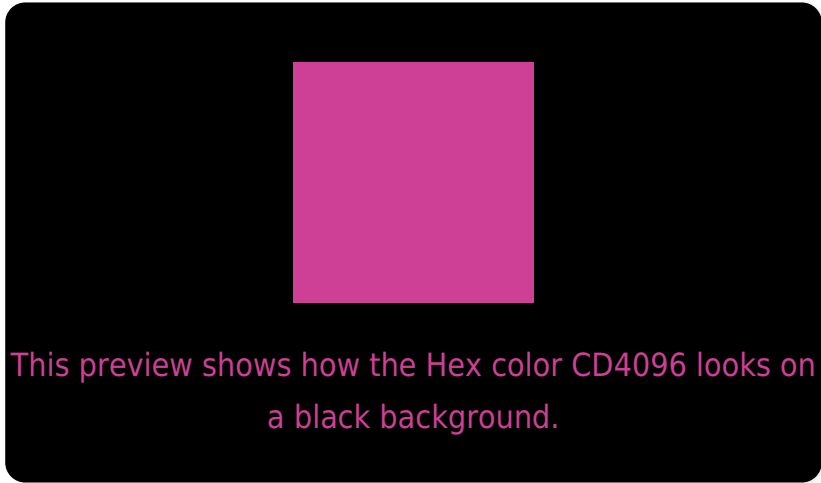
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD4096 Background



This preview shows how black text looks on a background with the Hex color CD4096.

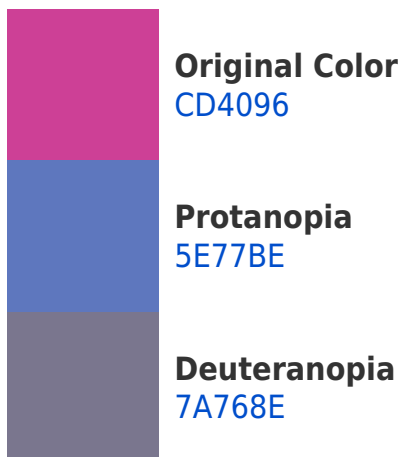



This preview shows how white text looks on a background with the Hex color CD4096.

# 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](#).

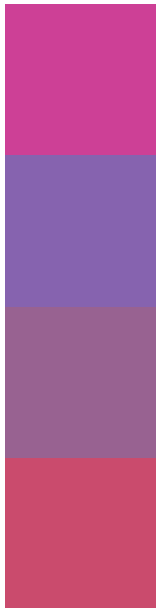
## Dichromacy





**Tritanopia**  
C85156

# Trichromacy



**Original Color**  
CD4096

**Protanomaly**  
8663AF

**Deuteranomaly**  
986291

**Tritanomaly**  
CA4B6D

# Monochromacy



**Original Color**  
CD4096

**Achromatopsia**  
747474

**Achromatomaly**  
946180

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD4096 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 #CD4096 looks like.

```
.text, #text, p{  
    color:#CD4096  
}
```

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 #CD4096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD4096
}
```

## Border

The CSS property to change the border of an element to Hex CD4096 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
#CD4096 }
```

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

```
.border{ border-color:#CD4096 }
```

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

Here you see how a box with a 4 pixel #CD4096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD4096; -webkit-box-shadow:4px 4px  
4px 4px #CD4096; box-shadow:4px 4px 4px  
4px #CD4096 }
```

# Background

The CSS property to change the background color of an element to Hex CD4096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD4096 }
```

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

```
.background{ background-color:#CD4096 }
```

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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