

# Converting Colors

Hex(CD4A8E)

Have a look what the booklet for  
Hex(CD4A8E) contains.

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# Color

**Hex(CD4A8E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD4A8E
RGB	205, 74, 142
RGB Percent	80%, 29%, 56%
CMY	0.1961, 0.7098, 0.4431
CMYK	0.00, 0.64, 0.31, 0.20
HSL	329°, 57%, 55%
HSV	329°, 64%, 80%
XYZ	32.5081, 19.8297, 27.7053
YIQ	120.9210, 56.2480, 48.9200

# Conversions

## Conversions Part 2

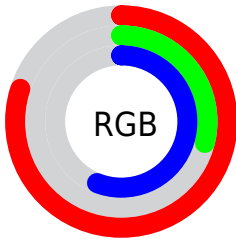
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 74, 142
Decimal	13453966
CIE <sub>Lab</sub>	51.64, 58.10, -10.11
CIE <sub>LCh</sub>	52, 58.970, 350.131
Yxy	19.8297, 0.4061, 0.2477
Android (android.graphics.Color)	4291644046 (0xFFCD4A8E)
YUV	120.9210, 10.3919, 73.7373
Hunter-Lab	44.5305, 52.3798, -5.7168

# Details

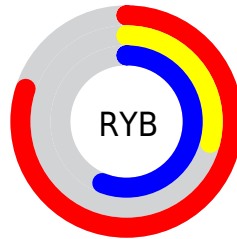
The Hex color **CD4A8E** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **4ACD89**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF82C4**, and **93005C** is the 20% darker color. If you saturate the color by 10%, you get **CD3684**, and if you desaturate by 10%, it is **CD5F98**.

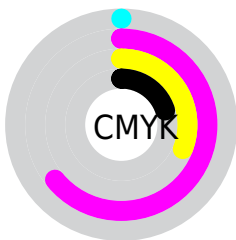
# Distribution



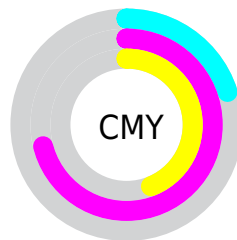
- Red (80%)
- Green (29%)
- Blue (56%)



- Red (80%)
- Yellow (29%)
- Blue (56%)



- Cyan (0%)
- Magenta (64%)
- Yellow (31%)
- Black (20%)



- Cyan (20%)
- Magenta (71%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CD4A8E 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 CD4A8E by changing the saturation by 10% instead.



 CD4A8E

 CD4A8E

FFFFFF

 B02C74

 FF82C4

 93005C

 FF9EE0

 760044

 FFBAFC

 5A002E

 FFD7FF

 41001A

 FFF5FF

 240001

 000000

 CD4A8E

 CD4A8E

 CD3684

 CD5F98

 CD217A

 CD73A2

 CD0D70

 CD88AC

 CD006A

 CD9CB5

 CDB1BF

 CDC5C9

 CDDAD3

 CDEEDD

 CDFFE7

# Harmonies

## Analogous

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



A75EBC



CD4A8E



D54A5C

# Triad

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



CD4A8E



738304



008FC8

# Complementary

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



CD4A8E



4ACD89

# 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.



00929C



CD4A8E



318D36

# Square

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



CD4A8E



A17300



009168



0086DF

# Rectangle

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



CD4A8E



CC563C



009168



0091BB



# Sweetspot

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



CD4A8E



FFCFE8



874ACD



806271



000000



808080



# Same Dimension

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



CD4A8E



FF3BA1



CD4A4E



665C61



A60056



260014



# Inverse Universe

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



CD4A8E



FF3BA1



4ACDC9



665C61



A60056



260014



# Previews

## White Background



This preview shows how the Hex color CD4A8E looks on a white background.

## Color Contrast Check

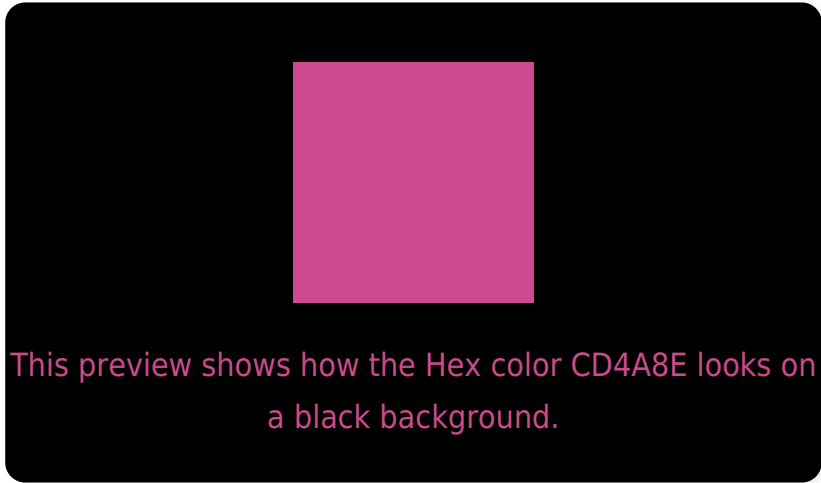
Large Text (above 18pt) WCAG AA ✓ Pass

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 CD4A8E Background



This preview shows how black text looks on a background with the Hex color CD4A8E.

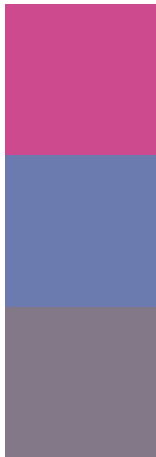


This preview shows how white text looks on a background with the Hex color CD4A8E.

# 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



**Original Color**  
CD4A8E

**Protanopia**  
6B7AAF

**Deuteranopia**  
827887



**Tritanopia**  
C9565C

# Trichromacy



**Original Color**  
CD4A8E



**Protanomaly**  
8F69A3



**Deuteranomaly**  
9D678A

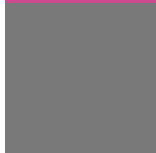


**Tritanomaly**  
CA526E

# Monochromacy



**Original Color**  
CD4A8E



**Achromatopsia**  
797979



**Achromatomaly**  
986881

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CD4A8E 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 #CD4A8E looks like.

```
.text, #text, p{  
    color:#CD4A8E  
}
```

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 #CD4A8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD4A8E
}
```

## Border

The CSS property to change the border of an element to Hex CD4A8E 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
#CD4A8E }
```

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

```
.border{ border-color:#CD4A8E }
```

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

Here you see how a box with a 4 pixel #CD4A8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD4A8E; -webkit-box-shadow:4px 4px  
4px 4px #CD4A8E; box-shadow:4px 4px 4px  
4px #CD4A8E }
```

# Background

The CSS property to change the background color of an element to Hex CD4A8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD4A8E }
```

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

```
.background{ background-color:#CD4A8E }
```

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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