

# Converting Colors

Hex(CC729F)

Have a look what the booklet for  
Hex(CC729F) contains.

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# **Color**

**Hex(CC729F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC729F
RGB	204, 114, 159
RGB Percent	80%, 45%, 62%
CMY	0.2000, 0.5529, 0.3765
CMYK	0.00, 0.44, 0.22, 0.20
HSL	330°, 47%, 62%
HSV	330°, 44%, 80%
XYZ	37.1772, 27.3752, 36.1254
YIQ	146.0400, 39.1950, 33.0750

# Conversions

## Conversions Part 2

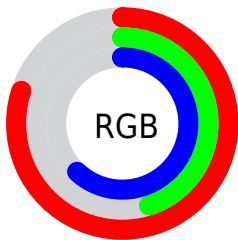
Format	Color
R <sub>Y</sub> B	204, 114, 159
Decimal	13398687
CIE Lab	59.32, 41.01, -8.59
CIE LCh	59, 41.900, 348.163
Yxy	27.3752, 0.3693, 0.2719
Android (android.graphics.Color)	4291588767 (0xFFCC729F)
YUV	146.0400, 6.3893, 50.8309
Hunter-Lab	52.3213, 35.2717, -4.3120

# Details

The Hex color **CC729F** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **72CC9F**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFA8D6**, and **943F6C** is the 20% darker color. If you saturate the color by 10%, you get **CC5E95**, and if you desaturate by 10%, it is **CC86A9**.

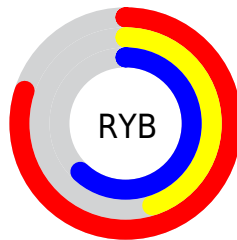
# Distribution



Red (80%)

Green (45%)

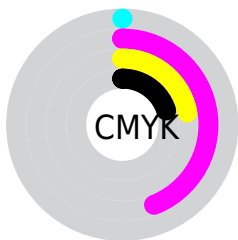
Blue (62%)



Red (80%)

Yellow (45%)

Blue (62%)

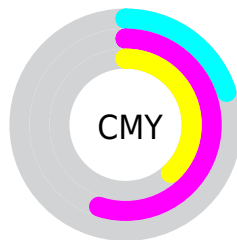


Cyan (0%)

Magenta (44%)

Yellow (22%)

Black (20%)



Cyan (20%)

Magenta (55%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC729F 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 CC729F by changing the saturation by 10% instead.





CC729F



CC729F

FFFFFF



B05885



FFA8D6



943F6C



FFC4F2



782553



FFE0FF



5E063C



FFFDFF



440027



2E0012



000000



CC729F



CC729F



CC5E95



CC86A9

 CC498B

 CC9BB3

 CC3580

 CCAFBE

 CC2076

 CCC4C8

 CC0C6C

 CCD8D2

 CC0066

 CCECDC

 CCFFE6

 CCFFF1

 CCFFFB

# Harmonies

## Analogous

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



AE7DC0



CC729F



D5717A

# Triad

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



CC729F



8F9446



009FC5

# Complementary

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



CC729F



72CC9F

# 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.



00A2A5



CC729F



659C5C

# Square

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



CC729F



B28846



27A17E



2597D6

# Rectangle

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



CC729F



D07763



27A17E



00A0BB



# Sweetspot

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



CC729F



FFDEEE



9F72CC



806B75



000000



808080



# Same Dimension

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



CC729F



FF78BB



CC7272



665C61



A60053



260013



# Inverse Universe

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



CC729F



FF78BB



72CCCC



665C61



A60053



260013



# Previews

## White Background



This preview shows how the Hex color CC729F looks on a white background.

## Color Contrast Check

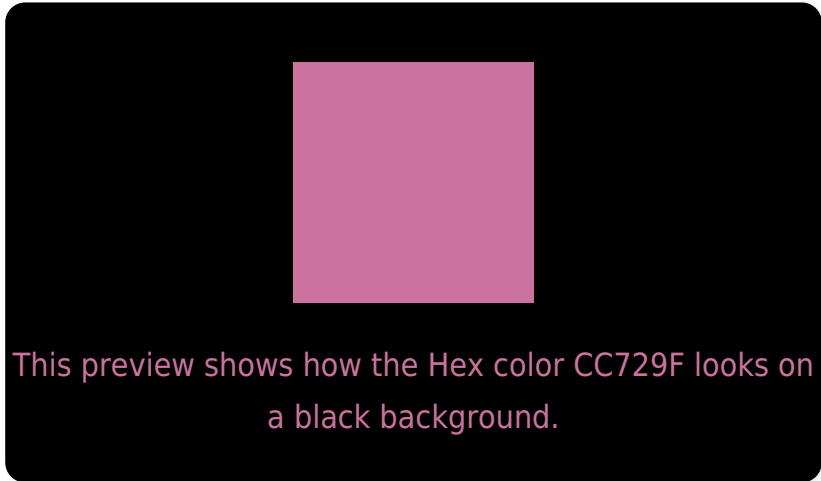
Large Text (above 18pt) WCAG AA ✓ Pass

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

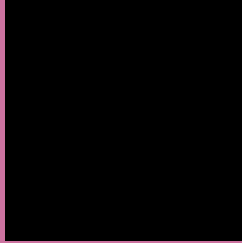
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex CC729F Background



This preview shows how black text looks on a background with the Hex color CC729F.



This preview shows how white text looks on a background with the Hex color CC729F.

# 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](#).

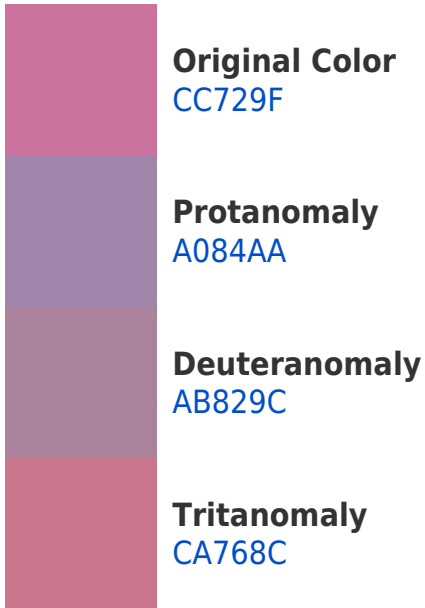
## Dichromacy





**Tritanopia**  
C97881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC729F 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 #CC729F looks like.

```
.text, #text, p{  
    color:#CC729F  
}
```

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 #CC729F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC729F
}
```

## Border

The CSS property to change the border of an element to Hex CC729F 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
#CC729F }
```

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

```
.border{ border-color:#CC729F }
```

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

Here you see how a box with a 4 pixel #CC729F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC729F; -webkit-box-shadow:4px 4px  
4px 4px #CC729F; box-shadow:4px 4px 4px  
4px #CC729F }
```

# Background

The CSS property to change the background color of an element to Hex CC729F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC729F }
```

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

```
.background{ background-color:#CC729F }
```

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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