

# Converting Colors

Hex(70CC9F)

Have a look what the booklet for  
Hex(70CC9F) contains.

<b>Hex(70CC9F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(70CC9F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70CC9F
RGB	112, 204, 159
RGB Percent	44%, 80%, 62%
CMY	0.5608, 0.2000, 0.3765
CMYK	0.45, 0.00, 0.22, 0.20
HSL	151°, 47%, 62%
HSV	151°, 45%, 80%
XYZ	34.5330, 49.1337, 40.4646
YIQ	171.3620, -40.3870, -33.4990

# Conversions

## Conversions Part 2

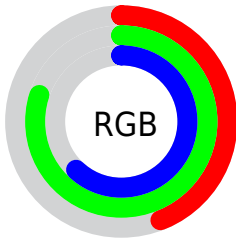
Format	Color
<a href="#">RYB</a>	<a href="#">112, 173, 204</a>
Decimal	<a href="#">7392415</a>
CIELab	<a href="#">75.53, -37.76, 14.03</a>
CIElCh	<a href="#">76, 40.284, 159.624</a>
Yxy	<a href="#">49.1337, 0.2782, 0.3958</a>
Android (android.graphics.Color)	<a href="#">4285582495 (0xFF70CC9F)</a>
YUV	<a href="#">171.3620, -6.0945, -52.0605</a>
Hunter-Lab	<a href="#">70.0954, -34.7278, 14.8400</a>

# Details

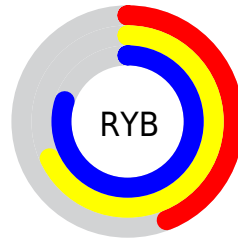
The Hex color **70CC9F** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CC709D**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A8FFD6**, and **38956B** is the 20% darker color. If you saturate the color by 10%, you get **5CCC95**, and if you desaturate by 10%, it is **84CCA9**.

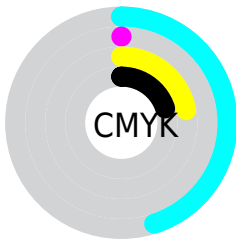
# Distribution



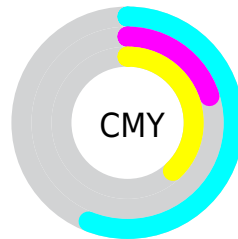
- Red (44%)
- Green (80%)
- Blue (62%)



- Red (44%)
- Yellow (68%)
- Blue (80%)



- Cyan (45%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)



- Cyan (56%)
- Magenta (20%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70CC9F 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 70CC9F by changing the saturation by 10% instead.





70CC9F



70CC9F

FFFFFF



54B085



A8FFD6



38956B



C4FFF2



157B53



E2FFFF



00613C



004926



003111



001C00



000000



70CC9F



70CC9F

 5CCC95

 84CCA9

 47CC8B

 99CCB3

 33CC81

 ADCCBD

 1ECC77

 C2CCC7

 0ACC6D

 D6CCD1

 00CC68

 EACCDB

 FFCCE5

 FFCCEF

 FFCCF9

# Harmonies

## Analogous

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



9EC680



70CC9F



3BCEC5

# Triad

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



70CC9F



98BAFF



FEA38C

# Complementary

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



70CC9F



CC709D

# 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.



FF9DAF



70CC9F



CEACF3

# Square

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



70CC9F



57C5FF



F2A1D5



E8AF75

# Rectangle

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



70CC9F



17CDDE



F2A1D5



FFA097

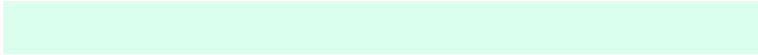


# Sweetspot

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



70CC9F



DBFFEE



9ECC70



6A8075



000000



808080



# Same Dimension

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



70CC9F



75FFBC



70CCCC



5C6661



00A655



002614



# Inverse Universe

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



CC709D



FF75B9



CC7070



665C61



A60051



260013



# Previews

## White Background



This preview shows how the Hex color 70CC9F looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 70CC9F looks on a 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 ✓ Pass

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



## Hex 70CC9F Background



This preview shows how black text looks on a background with the Hex color 70CC9F.

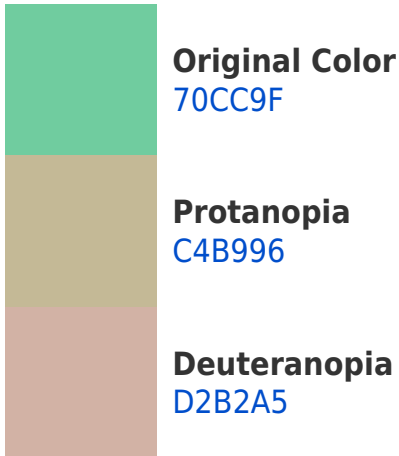


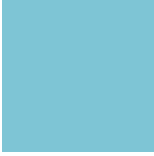
This preview shows how white text looks on a background with the Hex color 70CC9F.

# 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**  
7EC5D5

# Trichromacy



**Original Color**  
70CC9F



**Protanomaly**  
A5C099



**Deuteranomaly**  
AEBBA3



**Tritanomaly**  
79C8C1

# Monochromacy



**Original Color**  
70CC9F



**Achromatopsia**  
ABABAB



**Achromatomaly**  
96B7A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70CC9F 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 #70CC9F looks like.

```
.text, #text, p{  
  color:#70CC9F  
}
```

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 #70CC9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70CC9F
}
```

## Border

The CSS property to change the border of an element to Hex 70CC9F 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
#70CC9F }
```

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

```
.border{ border-color:#70CC9F }
```

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

Here you see how a box with a 4 pixel #70CC9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70CC9F; -webkit-box-shadow:4px 4px  
4px 4px #70CC9F; box-shadow:4px 4px 4px  
4px #70CC9F }
```

# Background

The CSS property to change the background color of an element to Hex 70CC9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70CC9F }
```

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

```
.background{ background-color:#70CC9F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor