

# Converting Colors

Hex(70C992)

Have a look what the booklet for  
Hex(70C992) contains.

<b>Hex(70C992)</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(70C992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70C992
RGB	112, 201, 146
RGB Percent	44%, 79%, 57%
CMY	0.5608, 0.2118, 0.4275
CMYK	0.44, 0.00, 0.27, 0.21
HSL	143°, 45%, 61%
HSV	143°, 44%, 79%
XYZ	32.7570, 47.2934, 34.5962
YIQ	168.1190, -35.3890, -35.9730

# Conversions

## Conversions Part 2

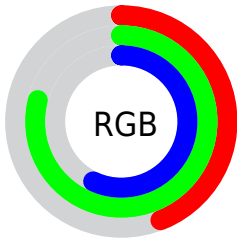
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 176, 201
Decimal	7391634
CIELab	74.38, -39.00, 19.35
CIELCh	74, 43.535, 153.614
Yxy	47.2934, 0.2857, 0.4125
Android (android.graphics.Color)	4285581714 (0xFF70C992)
YUV	168.1190, -10.9047, -49.2164
Hunter-Lab	68.7702, -35.3235, 18.3121

# Details

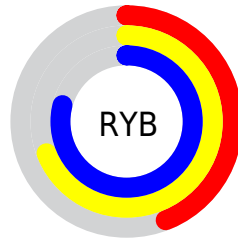
The Hex color **70C992** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C970A7**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A8FFC8**, and **38925F** is the 20% darker color. If you saturate the color by 10%, you get **5CC986**, and if you desaturate by 10%, it is **84C99E**.

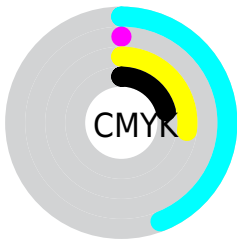
# Distribution



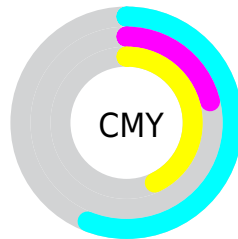
- Red (44%)
- Green (79%)
- Blue (57%)



- Red (44%)
- Yellow (69%)
- Blue (79%)



- Cyan (44%)
- Magenta (0%)
- Yellow (27%)
- Black (21%)



- Cyan (56%)
- Magenta (21%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70C992 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 70C992 by changing the saturation by 10% instead.



 70C992

 70C992

FFFFFF

 54AD78


 A8FFC8

 38925F

 C4FFE4

 177847

 E1FFFF

 005F30

 00461B

 002F02

 001800

 000000

 70C992

 70C992

 5CC986

 84C99E

 48C979

 98C9AB

 34C96D

 ACC9B7

 20C960

 C0C9C4

 0BC954

 D5C9D0

 00C94D

 E9C9DD

 FDC9E9

 FFC9F5

 FFC9FF

# Harmonies

## Analogous

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



A2C273



70C992



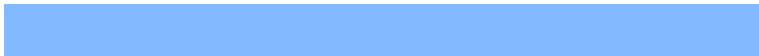
2BCCBB

# Triad

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



70C992



82B9FF



FF9C8D

# Complementary

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



70C992



C970A7

# 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.



FF97B4



70C992



C1ABFA

# Square

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



70C992



28C4FE



ED9DDB



EDA870

# Rectangle

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



70C992



00CCD6



ED9DDB



FF9999

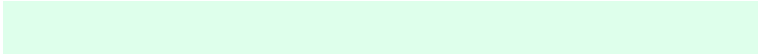


# Sweetspot

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



70C992



DEFFEB



A8C970



6B8073



000000



808080



# Same Dimension

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



70C992



78FFAB



70C9BD



5A635D



00A33E



00240E



# Inverse Universe

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



C970A7



FF78CB



C9707C



635A60



A30065



240016



# Previews

## White Background



This preview shows how the Hex color 70C992 looks on a white background.

## Color Contrast Check

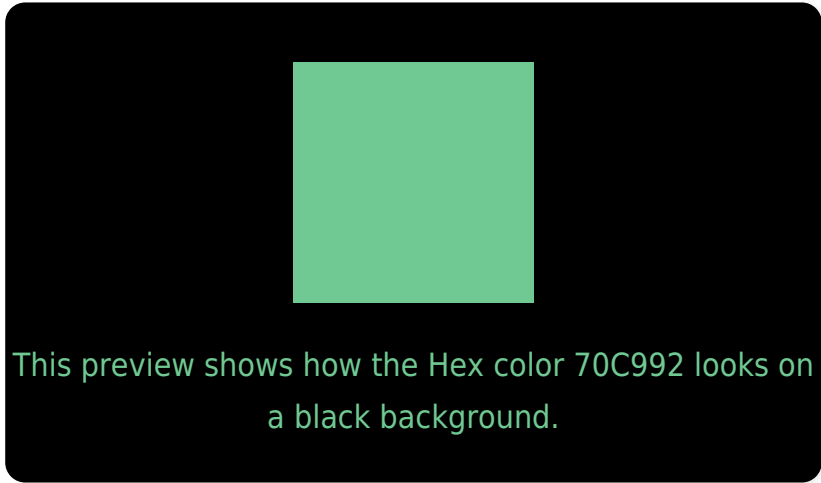
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

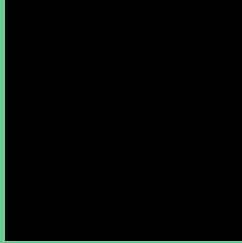
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70C992 Background



This preview shows how black text looks on a background with the Hex color 70C992.

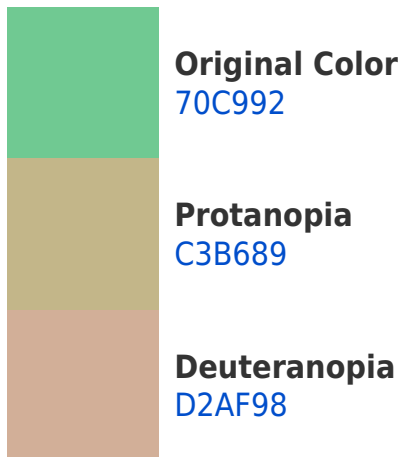


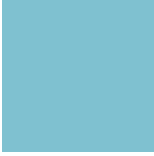
This preview shows how white text looks on a background with the Hex color 70C992.

# 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**  
7FC1D0

# Trichromacy



**Original Color**  
70C992



**Protanomaly**  
A5BD8C



**Deuteranomaly**  
AEB896



**Tritanomaly**  
7AC4B9

# Monochromacy



**Original Color**  
70C992



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
94B4A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70C992 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 #70C992 looks like.

```
.text, #text, p{  
    color:#70C992  
}
```

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 #70C992 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C992
}
```

## Border

The CSS property to change the border of an element to Hex 70C992 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
#70C992 }
```

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

```
.border{ border-color:#70C992 }
```

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

Here you see how a box with a 4 pixel #70C992 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C992; -webkit-box-shadow:4px 4px  
4px 4px #70C992; box-shadow:4px 4px 4px  
4px #70C992 }
```

# Background

The CSS property to change the background color of an element to Hex 70C992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C992 }
```

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

```
.background{ background-color:#70C992 }
```

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