

# Converting Colors

Hex(70C499)

Have a look what the booklet for  
Hex(70C499) contains.

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**Color**

**Hex(70C499)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70C499
RGB	112, 196, 153
RGB Percent	44%, 77%, 60%
CMY	0.5608, 0.2314, 0.4000
CMYK	0.43, 0.00, 0.22, 0.23
HSL	149°, 42%, 60%
HSV	149°, 43%, 77%
XYZ	32.1718, 45.2245, 37.1706
YIQ	165.9820, -36.2610, -31.1810

# Conversions

## Conversions Part 2

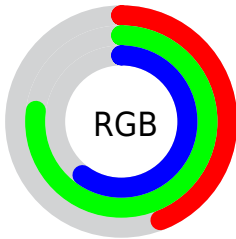
Format	Color
<a href="#">RYB</a>	<a href="#">112, 168, 196</a>
Decimal	<a href="#">7390361</a>
CIELab	<a href="#">73.04, -35.33, 13.74</a>
CIElCh	<a href="#">73, 37.910, 158.755</a>
Yxy	<a href="#">45.2245, 0.2808, 0.3947</a>
Android (android.graphics.Color)	<a href="#">4285580441 (0xFF70C499)</a>
YUV	<a href="#">165.9820, -6.4001, -47.3422</a>
Hunter-Lab	<a href="#">67.2492, -32.2922, 14.3031</a>

# Details

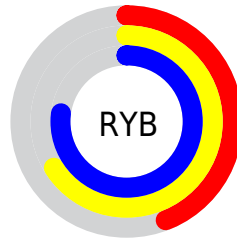
The Hex color **70C499** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C4709B**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A7FDCF**, and **398E66** is the 20% darker color. If you saturate the color by 10%, you get **5CC48F**, and if you desaturate by 10%, it is **84C4A3**.

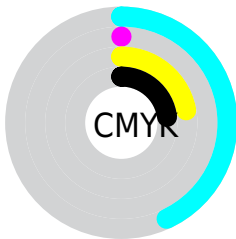
# Distribution



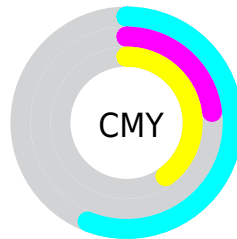
- Red (44%)
- Green (77%)
- Blue (60%)



- Red (44%)
- Yellow (66%)
- Blue (77%)



- Cyan (43%)
- Magenta (0%)
- Yellow (22%)
- Black (23%)



- Cyan (56%)
- Magenta (23%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70C499 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 70C499 by changing the saturation by 10% instead.





70C499



70C499

FFFFFF



55A87F



A7FDCF



398E66



C4FFEC



1A744E



E0FFFF



005B37

FEFFFF



004221



002C0C



001300



000000



70C499



70C499

 5CC48F

 84C4A3

 49C485

 97C4AD

 35C47B

 ABC4B7

 22C471

 BEC4C1

 0EC467

 D2C4CB

 00C460

 E6C4D5

 F9C4DF

 FFC4E9

 FFC4F3

# Harmonies

## Analogous

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



9BBE7C



70C499



42C6BD

# Triad

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



70C499



92B3F8



F39E89

# Complementary

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



70C499



C4709B

# 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.



F798AA



70C499



C5A7EA

# Square

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



70C499



57BEF3



E79CCD



DFA973

# Rectangle

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



70C499



29C5D3



E79CCD



F69B94

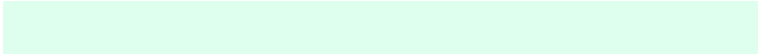


# Sweetspot

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



70C499



DEFFEE



9BC470



6B8075



000000



808080



# Same Dimension

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



70C499



7DFFBC



70C4C3



57615C



00A14E



002110



# Inverse Universe

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



C4709B



FF7DC0



C47071



61575C



A10052



210011



# Previews

## White Background



This preview shows how the Hex color 70C499 looks on a white background.

## Color Contrast Check

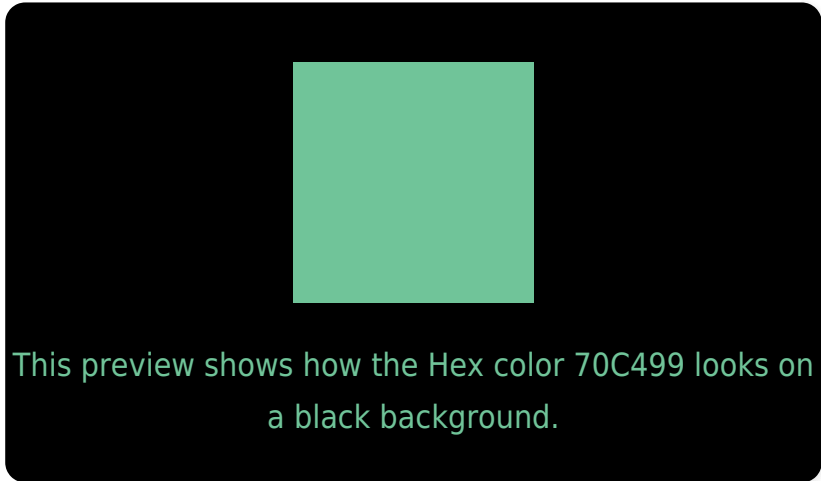
Large Text (above 18pt) WCAG AA × Fail

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

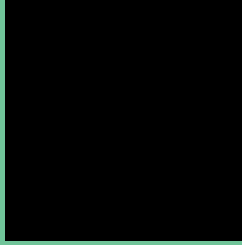
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70C499 Background



This preview shows how black text looks on a background with the Hex color 70C499.

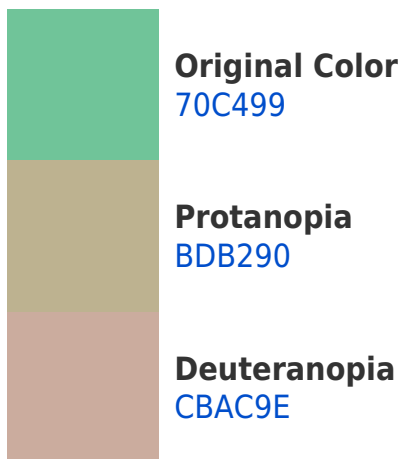


This preview shows how white text looks on a background with the Hex color 70C499.

# Color Blindness Simulation

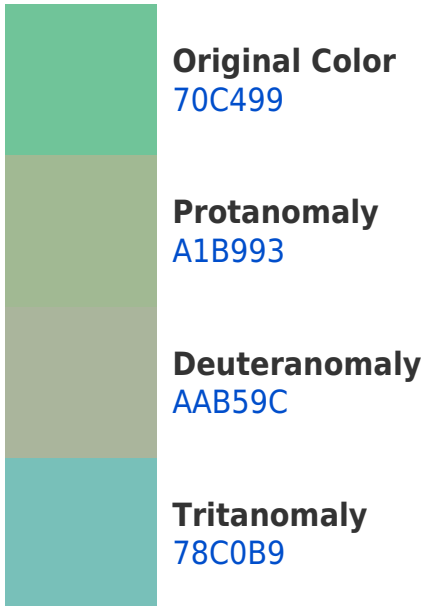
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

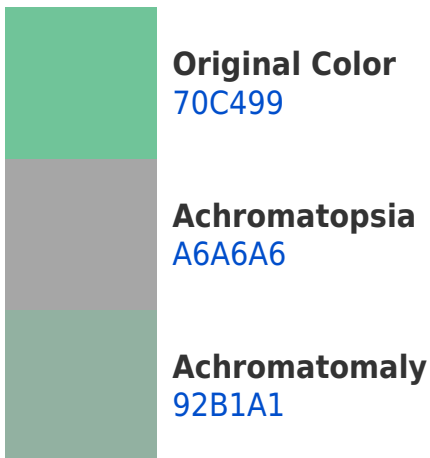




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70C499 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 #70C499 looks like.

```
.text, #text, p{  
    color:#70C499  
}
```

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 #70C499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C499
}
```

## Border

The CSS property to change the border of an element to Hex 70C499 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
#70C499 }
```

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

```
.border{ border-color:#70C499 }
```

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

Here you see how a box with a 4 pixel #70C499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C499; -webkit-box-shadow:4px 4px  
4px 4px #70C499; box-shadow:4px 4px 4px  
4px #70C499 }
```

# Background

The CSS property to change the background color of an element to Hex 70C499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C499 }
```

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

```
.background{ background-color:#70C499 }
```

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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