

# Converting Colors

Hex(70C39A)

Have a look what the booklet for  
Hex(70C39A) contains.

|  |    |
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**Color**

**Hex(70C39A)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 70C39A                       |
| RGB         | 112, 195, 154                |
| RGB Percent | 44%, 76%, 60%                |
| CMY         | 0.5608, 0.2353, 0.3961       |
| CMYK        | 0.43, 0.00, 0.21, 0.24       |
| HSL         | 150°, 41%, 60%               |
| HSV         | 150°, 43%, 76%               |
| XYZ         | 32.0299, 44.8081, 37.5325    |
| YIQ         | 165.5090, -36.3070, -30.3470 |

# Conversions

## Conversions Part 2

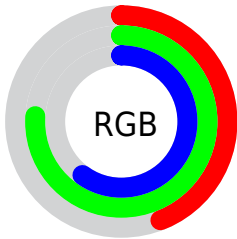
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 112, 167, 195                  |
| Decimal                             | 7390106                        |
| CIELab                              | 72.77, -34.67, 12.81           |
| CIELCh                              | 73, 36.957, 159.716            |
| Yxy                                 | 44.8081, 0.2801,<br>0.3918     |
| Android<br>(android.graphics.Color) | 4285580186<br>(0xFF70C39A)     |
| YUV                                 | 165.5090, -5.6739,<br>-46.9274 |
| Hunter-Lab                          | 66.9388, -31.7315,<br>13.6133  |

# Details

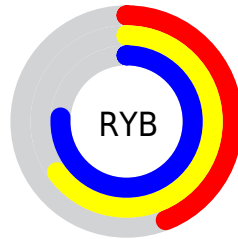
The Hex color **70C39A** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C37099**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A7FCD0**, and **398D67** is the 20% darker color. If you saturate the color by 10%, you get **5CC390**, and if you desaturate by 10%, it is **84C3A4**.

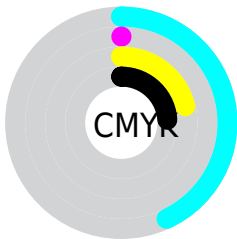
# Distribution



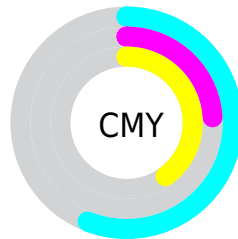
- Red (44%)
- Green (76%)
- Blue (60%)



- Red (44%)
- Yellow (65%)
- Blue (76%)



- Cyan (43%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



- Cyan (56%)
- Magenta (24%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70C39A 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 70C39A by changing the saturation by 10% instead.





70C39A



70C39A

FFFFFF



55A880



A7FCD0



398D67



C3FFED



1A734F



E0FFFF



005A38

FEFFFF



004222



002B0D



001100



000000



70C39A



70C39A

 5CC390

 84C3A4

 49C387

 97C3AD

 35C37D

 ABC3B7

 22C373

 BEC3C1

 0EC36A

 D1C3CA

 00C363

 E5C3D4

 F8C3DD

 FFC3E7

 FFC3F1

# Harmonies

## Analogous

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



99BD7D



70C39A



45C5BD

# Triad

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



70C39A



95B2F5



F09E89

# Complementary

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



70C39A



C37099

# 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.



F599A9



70C39A



C5A6E7

# Square

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



70C39A



5DBC F1



E69CCB



DDA974

# Rectangle

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



70C39A



31C4D3



E69CCB



F49B93

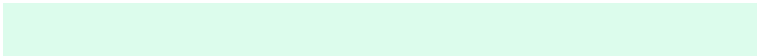


# Sweetspot

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



70C39A



DCFCEC



9AC370



6B8075



000000



808080



# Same Dimension

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



70C39A



7CFCBD



70C3C3



57615C



00A151



002111



# Inverse Universe

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



C37099



FC7CBB



C37070



61575C



A1004F



210010



# Previews

## White Background



This preview shows how the Hex color 70C39A looks on a white background.

## Color Contrast Check

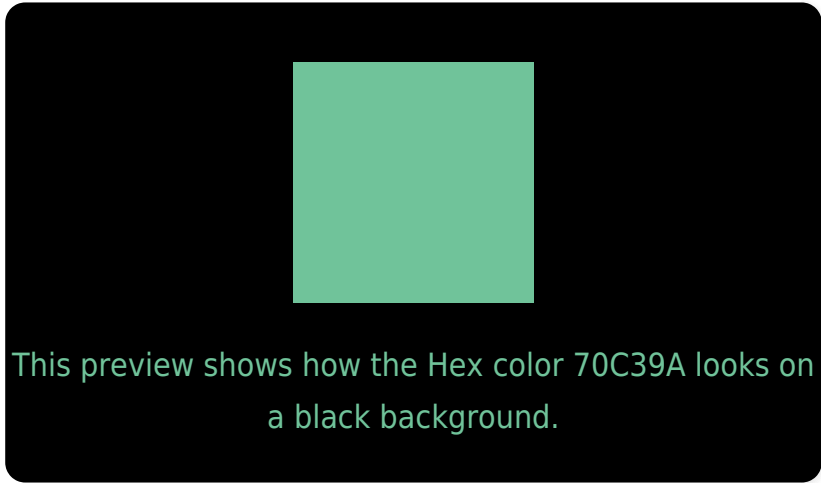
Large Text (above 18pt) WCAG AA × Fail

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

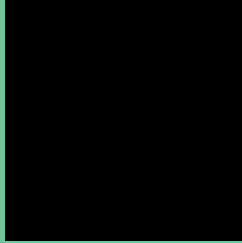
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 70C39A Background



This preview shows how black text looks on a background with the Hex color 70C39A.

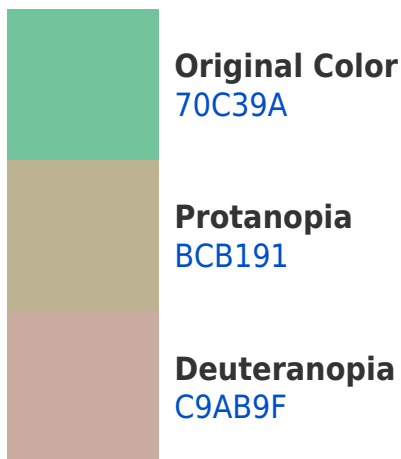


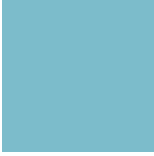
This preview shows how white text looks on a background with the Hex color 70C39A.

# Color Blindness Simulation

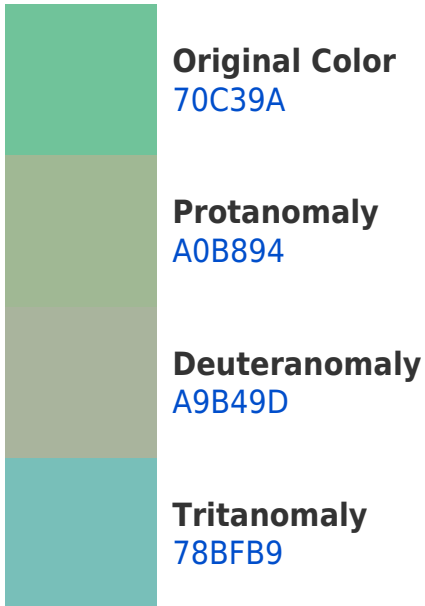
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

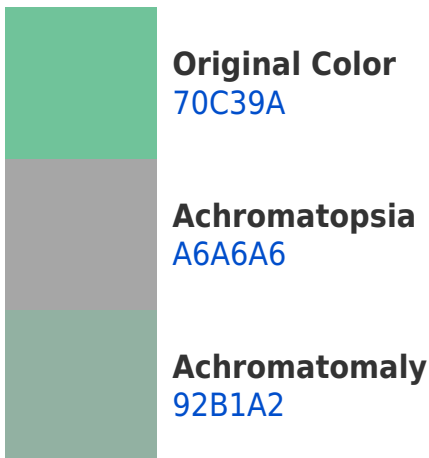




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70C39A 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 #70C39A looks like.

```
.text, #text, p{  
    color:#70C39A  
}
```

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 #70C39A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70C39A
}
```

## Border

The CSS property to change the border of an element to Hex 70C39A 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
#70C39A }
```

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

```
.border{ border-color:#70C39A }
```

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

Here you see how a box with a 4 pixel #70C39A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70C39A; -webkit-box-shadow:4px 4px  
4px 4px #70C39A; box-shadow:4px 4px 4px  
4px #70C39A }
```

# Background

The CSS property to change the background color of an element to Hex 70C39A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70C39A }
```

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

```
.background{ background-color:#70C39A }
```

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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