

# Converting Colors

Hex(72C09C)

Have a look what the booklet for  
Hex(72C09C) contains.

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**Color**

**Hex(72C09C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72C09C
RGB	114, 192, 156
RGB Percent	45%, 75%, 61%
CMY	0.5529, 0.2471, 0.3882
CMYK	0.41, 0.00, 0.19, 0.25
HSL	152°, 38%, 60%
HSV	152°, 41%, 75%
XYZ	31.7898, 43.6770, 38.2075
YIQ	164.5740, -34.9320, -27.7320

# Conversions

## Conversions Part 2

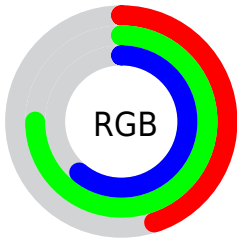
Format	Color
<a href="#">RYB</a>	<a href="#">114, 165, 192</a>
Decimal	<a href="#">7520412</a>
CIELab	<a href="#">72.01, -32.29, 10.68</a>
CIELCh	<a href="#">72, 34.010, 161.702</a>
Yxy	<a href="#">43.6770, 0.2797, 0.3842</a>
Android (android.graphics.Color)	<a href="#">4285710492 (0xFF72C09C)</a>
YUV	<a href="#">164.5740, -4.2270, -44.3534</a>
Hunter-Lab	<a href="#">66.0886, -29.7932, 11.9849</a>

# Details

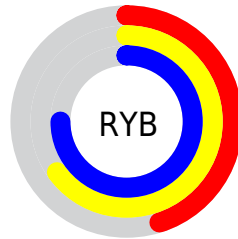
The Hex color **72C09C** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C07296**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A9F9D3**, and **3C8A69** is the 20% darker color. If you saturate the color by 10%, you get **5FC093**, and if you desaturate by 10%, it is **85C0A5**.

# Distribution



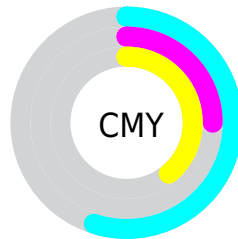
- Red (45%)
- Green (75%)
- Blue (61%)



- Red (45%)
- Yellow (65%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (19%)
- Black (25%)



- Cyan (55%)
- Magenta (25%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72C09C 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 72C09C by changing the saturation by 10% instead.



 72C09C

 72C09C

FFFFFF

 57A582

 A9F9D3

 3C8A69

 C5FFEF

 1F7051

 E2FFFF

 00573A

 003F24

 00290F

 000D00

 000000

 72C09C

 72C09C

 5FC093

 85C0A5

 4CC08A

 98C0AE

 38C081

 ACC0B7

 25C079

 BFC0BF

 12C070

 D2C0C8

 00C067

 E5C0D1

 F8C0DA

 FFC0E3

 FFC0EC

# Harmonies

## Analogous

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



97BB81



72C09C



4FC2BC

# Triad

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



72C09C



99AFED



E99E89

# Complementary

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



72C09C



C07296

# 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.



EE99A5



72C09C



C4A4DF

# Square

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



72C09C



69B9EB



E19BC5



D6A876

# Rectangle

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



72C09C



44C0D0



E19BC5



ED9C91



# Sweetspot

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



72C09C



DCFAEC



96C072



6B7D75



FCFCFC



7D7D7D



# Same Dimension

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



72C09C



7FFAC1



72BDC0



57615C



00A157



002112



# Inverse Universe

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



C07296



FA7FB8



C07572



61575C



A1004A

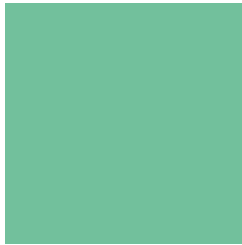


21000F



# Previews

## White Background



This preview shows how the Hex color 72C09C looks on a white background.

## Color Contrast Check

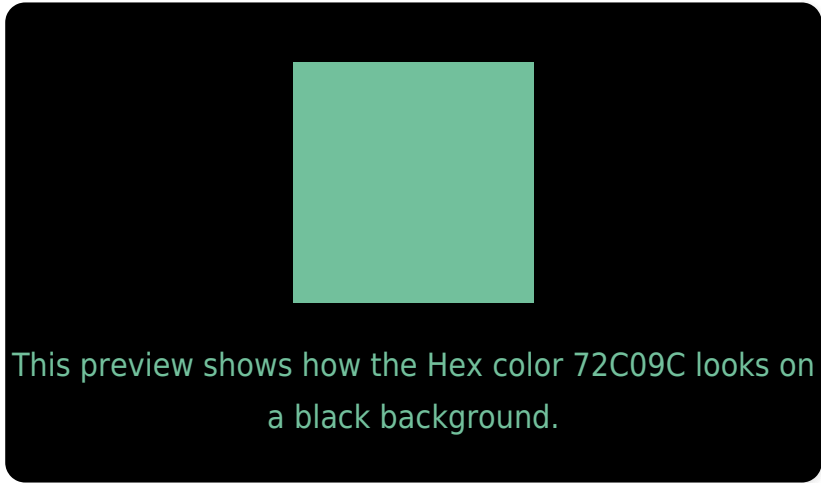
Large Text (above 18pt) WCAG AA × Fail

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

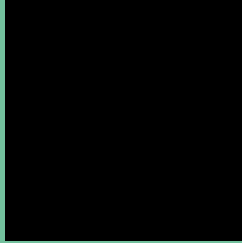
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72C09C Background



This preview shows how black text looks on a background with the Hex color 72C09C.

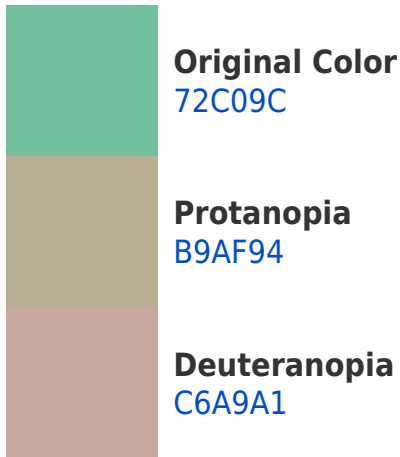


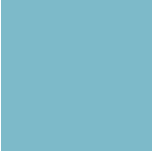
This preview shows how white text looks on a background with the Hex color 72C09C.

# 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](#).

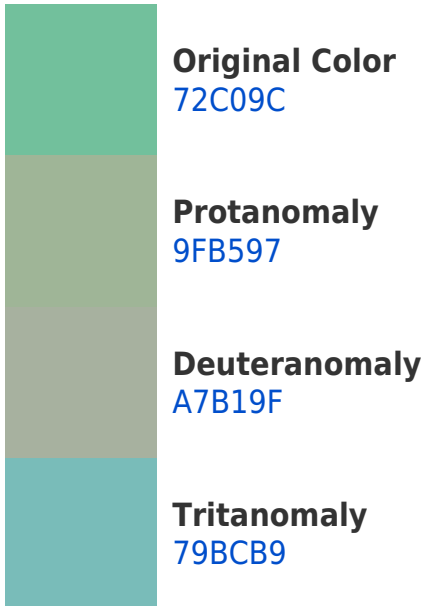
## Dichromacy



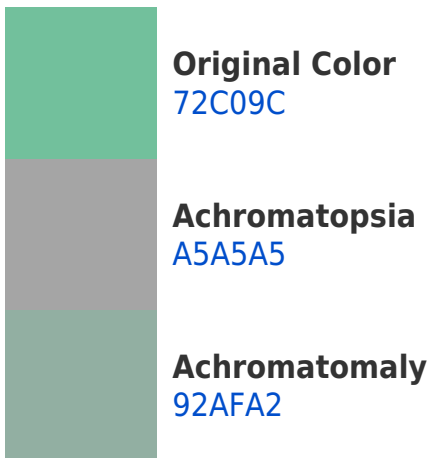


**Tritanopia**  
7DBAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72C09C 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 #72C09C looks like.

```
.text, #text, p{  
    color:#72C09C  
}
```

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 #72C09C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72C09C
}
```

## Border

The CSS property to change the border of an element to Hex 72C09C 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
#72C09C }
```

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

```
.border{ border-color:#72C09C }
```

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

Here you see how a box with a 4 pixel #72C09C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72C09C; -webkit-box-shadow:4px 4px  
4px 4px #72C09C; box-shadow:4px 4px 4px  
4px #72C09C }
```

# Background

The CSS property to change the background color of an element to Hex 72C09C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72C09C }
```

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

```
.background{ background-color:#72C09C }
```

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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