

# Converting Colors

Hex(72C799)

Have a look what the booklet for  
Hex(72C799) contains.

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# **Color**

**Hex(72C799)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72C799
RGB	114, 199, 153
RGB Percent	45%, 78%, 60%
CMY	0.5529, 0.2196, 0.4000
CMYK	0.43, 0.00, 0.23, 0.22
HSL	148°, 43%, 61%
HSV	148°, 43%, 78%
XYZ	33.1126, 46.7242, 37.4104
YIQ	168.3410, -35.8940, -32.3260

# Conversions

## Conversions Part 2

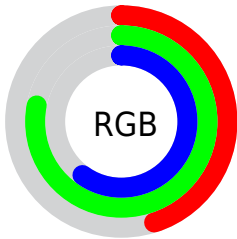
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 172, 199
Decimal	7522201
CIELab	74.01, -36.17, 15.12
CIElCh	74, 39.198, 157.318
Yxy	46.7242, 0.2824, 0.3985
Android (android.graphics.Color)	4285712281 (0xFF72C799)
YUV	168.3410, -7.5631, -47.6571
Hunter-Lab	68.3551, -33.1523, 15.3994

# Details

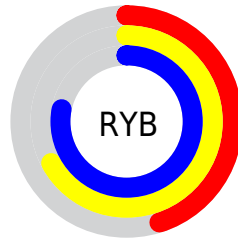
The Hex color **72C799** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C772A0**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **A9FFCF**, and **3B9166** is the 20% darker color. If you saturate the color by 10%, you get **5EC78E**, and if you desaturate by 10%, it is **86C7A4**.

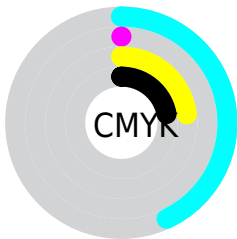
# Distribution



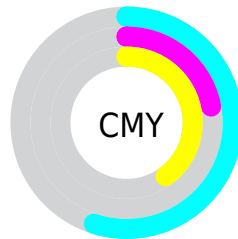
- Red (45%)
- Green (78%)
- Blue (60%)



- Red (45%)
- Yellow (67%)
- Blue (78%)



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



- Cyan (55%)
- Magenta (22%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72C799 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 72C799 by changing the saturation by 10% instead.



 72C799

 72C799

FFFFFF

 57AB7F

 A9FFCF

 3B9166

 C6FFEC

 1C764E

 E3FFFF

 005D37

 004521

 002E0B

 001700

 000000

 72C799

 72C799

 5EC78E

 86C7A4

 4AC783

 9AC7AF

 36C779

 AEC7B9

 22C76E

 C2C7C4

 0FC763

 D6C7CF

 00C75B

 E9C7DA

 FDC7E4

 FFC7EF

 FFC7FA

# Harmonies

## Analogous

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



9EC17B



72C799



40C9BE

# Triad

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



72C799



91B6FD



F89F8C

# Complementary

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



72C799



C772A0

# 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.



FB9AAE



72C799



C6A9EF

# Square

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



72C799



52C1F8



EB9ED2



E5AA74

# Rectangle

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



72C799



20C9D6



EB9ED2



FB9C97

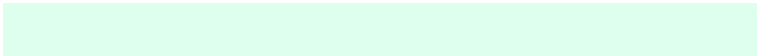


# Sweetspot

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



72C799



DEFFED



A1C772



6B8074



000000



808080

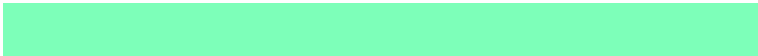


# Same Dimension

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



72C799



7DFFB9



72C7C3



5A635E



00A34B



002410



# Inverse Universe

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



C772A0



FF7DC3



C77276



635A5F



A30058



240013



# Previews

## White Background



This preview shows how the Hex color 72C799 looks on a white background.

## Color Contrast Check

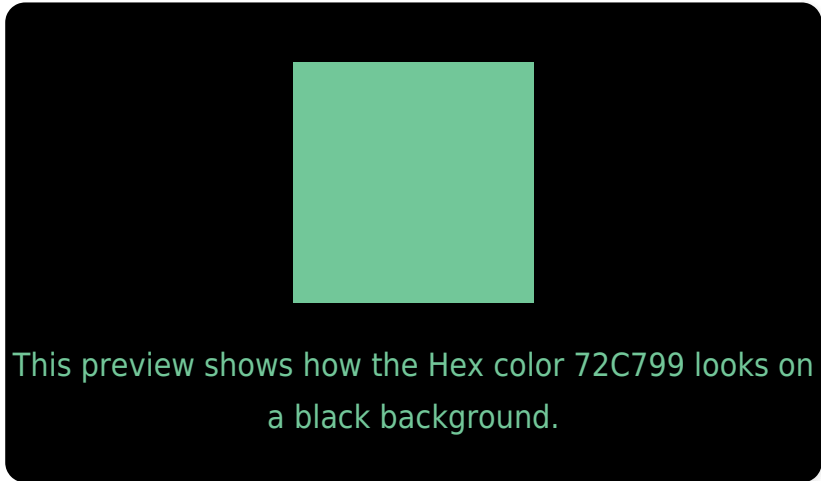
Large Text (above 18pt) WCAG AA × Fail

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

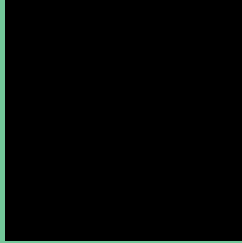
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72C799 Background



This preview shows how black text looks on a background with the Hex color 72C799.

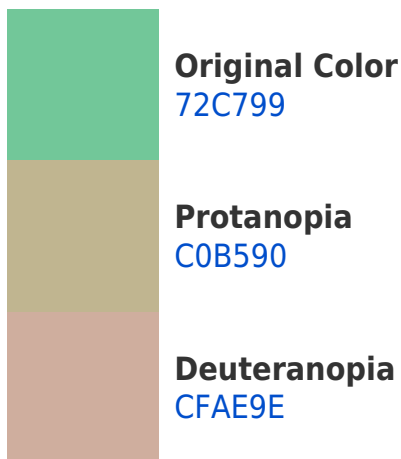


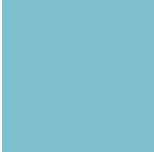
This preview shows how white text looks on a background with the Hex color 72C799.

# 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**  
7FC0CF

# Trichromacy



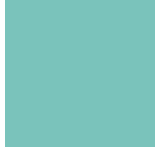
**Original Color**  
72C799



**Protanomaly**  
A4BC93



**Deuteranomaly**  
ADB79C



**Tritanomaly**  
7AC3BB

# Monochromacy



**Original Color**  
72C799



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
94B3A3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72C799 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 #72C799 looks like.

```
.text, #text, p{  
    color:#72C799  
}
```

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 #72C799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72C799
}
```

## Border

The CSS property to change the border of an element to Hex 72C799 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
#72C799 }
```

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

```
.border{ border-color:#72C799 }
```

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

Here you see how a box with a 4 pixel #72C799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72C799; -webkit-box-shadow:4px 4px  
4px 4px #72C799; box-shadow:4px 4px 4px  
4px #72C799 }
```

# Background

The CSS property to change the background color of an element to Hex 72C799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72C799 }
```

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

```
.background{ background-color:#72C799 }
```

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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