

# Converting Colors

Hex(69CC7D)

Have a look what the booklet for  
Hex(69CC7D) contains.

<b>Hex(69CC7D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(69CC7D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69CC7D
RGB	105, 204, 125
RGB Percent	41%, 80%, 49%
CMY	0.5882, 0.2000, 0.5098
CMYK	0.49, 0.00, 0.39, 0.20
HSL	132°, 49%, 61%
HSV	132°, 49%, 80%
XYZ	31.1202, 47.6697, 26.9630
YIQ	165.3930, -33.6450, -45.5570

# Conversions

## Conversions Part 2

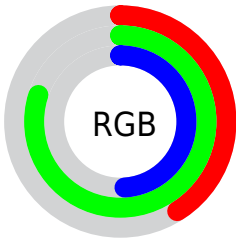
Format	Color
<a href="#">RYB</a>	105, 187, 204
Decimal	6933629
CIELab	74.62, -45.97, 30.64
CIELCh	75, 55.245, 146.314
Yxy	47.6697, 0.2943, 0.4508
Android (android.graphics.Color)	4285123709 (0xFF69CC7D)
YUV	165.3930, -19.9137, -52.9647
Hunter-Lab	69.0432, -40.3693, 25.1761

# Details

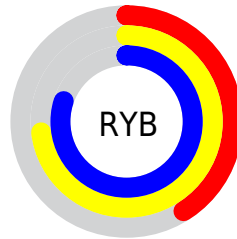
The Hex color **69CC7D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CC69B8**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **A2FFB2**, and **2E954B** is the 20% darker color. If you saturate the color by 10%, you get **55CC6D**, and if you desaturate by 10%, it is **7DCC8D**.

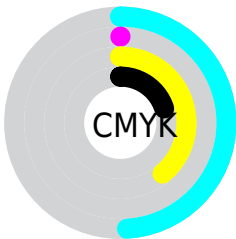
# Distribution



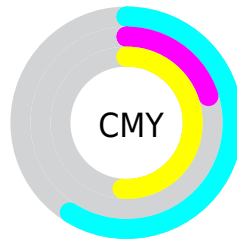
- Red (41%)
- Green (80%)
- Blue (49%)



- Red (41%)
- Yellow (73%)
- Blue (80%)



- Cyan (49%)
- Magenta (0%)
- Yellow (39%)
- Black (20%)



- Cyan (59%)
- Magenta (20%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69CC7D 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 69CC7D by changing the saturation by 10% instead.



 69CC7D

 69CC7D

FFFFFF

 4CB064

 A2FFB2

 2E954B

 BEFFCE

 007B33

 DBFFEB

 00611C

 F9FFFF

 004803

 003100

 001900

 000000

 69CC7D

 69CC7D

■ 55CC6D

■ 7DCC8D

■ 40CC5C

■ 92CC9E

■ 2CCC4C

■ A6CCAE

■ 17CC3C

■ BBCCBE

■ 03CC2C

■ CFCCCE

■ 00CC29

■ E3CCDF

■ F8CCEF

■ FFCCFF

# Harmonies

## Analogous

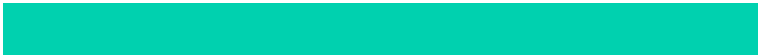
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A8C258



69CC7D



00D1AF

# Triad

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



69CC7D



42BFFF



FF908D

# Complementary

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



69CC7D



CC69B8

# 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.



FF8DC0



69CC7D



B1ADFF

# Square

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



69CC7D



00CBFF



F099F1



FFA064

# Rectangle

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



69CC7D



00D1D2



F099F1



FF8D9E

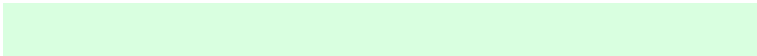


# Sweetspot

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



69CC7D



D9FFE0



B8CC69



69806D



000000



808080



# Same Dimension

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



69CC7D



6BFF89



69CCAE



5C665E



00A621



002608



# Inverse Universe

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



CC69B8



FF6BE1



CC6987



665C64



A60084



26001F



# Previews

## White Background



This preview shows how the Hex color 69CC7D looks on a white background.

## Color Contrast Check

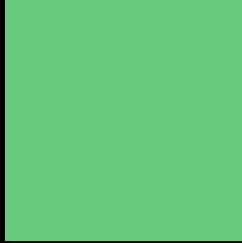
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 69CC7D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

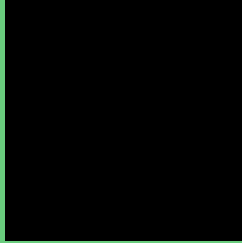
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69CC7D Background



This preview shows how black text looks on a background with the Hex color 69CC7D.

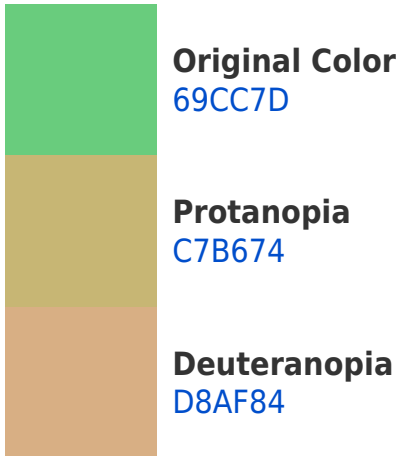


This preview shows how white text looks on a background with the Hex color 69CC7D.

# 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**  
7DC2D1

# Trichromacy



**Original Color**  
69CC7D



**Protanomaly**  
A5BE77



**Deuteranomaly**  
B0BA81



**Tritanomaly**  
76C6B2

# Monochromacy



**Original Color**  
69CC7D



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
8FB396

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69CC7D 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 #69CC7D looks like.

```
.text, #text, p{  
    color:#69CC7D  
}
```

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 #69CC7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69CC7D
}
```

## Border

The CSS property to change the border of an element to Hex 69CC7D 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
#69CC7D }
```

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

```
.border{ border-color:#69CC7D }
```

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

Here you see how a box with a 4 pixel #69CC7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69CC7D; -webkit-box-shadow:4px 4px  
4px 4px #69CC7D; box-shadow:4px 4px 4px  
4px #69CC7D }
```

# Background

The CSS property to change the background color of an element to Hex 69CC7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69CC7D }
```

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

```
.background{ background-color:#69CC7D }
```

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