

# Converting Colors

Hex(69C784)

Have a look what the booklet for  
Hex(69C784) contains.

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**Color**

**Hex(69C784)**

# Conversions

## Conversions Part 1

Format	Color
Hex	69C784
RGB	105, 199, 132
RGB Percent	41%, 78%, 52%
CMY	0.5882, 0.2196, 0.4824
CMYK	0.47, 0.00, 0.34, 0.22
HSL	137°, 46%, 60%
HSV	137°, 47%, 78%
XYZ	30.4140, 45.5160, 29.0123
YIQ	163.2560, -34.5170, -40.7650

# Conversions

## Conversions Part 2

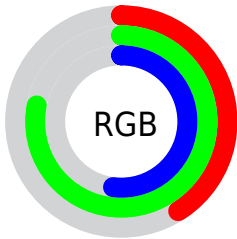
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">105, 178, 199</a>
Decimal	<a href="#">6932356</a>
CIELab	<a href="#">73.23, -42.62, 25.15</a>
CIELCh	<a href="#">73, 49.488, 149.459</a>
Yxy	<a href="#">45.5160, 0.2898, 0.4337</a>
Android (android.graphics.Color)	<a href="#">4285122436 (0xFF69C784)</a>
YUV	<a href="#">163.2560, -15.4092, -51.0905</a>
Hunter-Lab	<a href="#">67.4656, -37.5957, 21.7294</a>

# Details

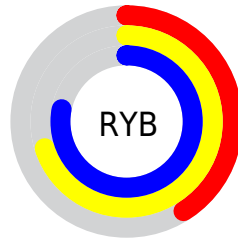
The Hex color **69C784** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **C769AC**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **A1FFB9**, and **2F9052** is the 20% darker color. If you saturate the color by 10%, you get **55C776**, and if you desaturate by 10%, it is **7DC792**.

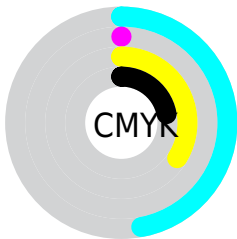
# Distribution



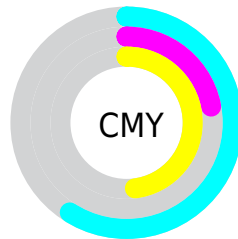
- Red (41%)
- Green (78%)
- Blue (52%)



- Red (41%)
- Yellow (70%)
- Blue (78%)



- Cyan (47%)
- Magenta (0%)
- Yellow (34%)
- Black (22%)



- Cyan (59%)
- Magenta (22%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69C784 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 69C784 by changing the saturation by 10% instead.



 69C784

 69C784

FFFFFF

 4DAB6A

 A1FFB9

 2F9052

 BDFFD5

 05763A

 DAFFF2

 005D23

 F8FFFF

 00440D

 002D00

 001300

 000000

 69C784

 69C784

 55C776

 7DC792

 41C768

 91C7A0

 2DC759

 A5C7AF

 19C74B

 B9C7BD

 05C73D

 CDC7CB

 00C739

 E0C7D9

 F4C7E7

 FFC7F5

 FFC7FF

# Harmonies

## Analogous

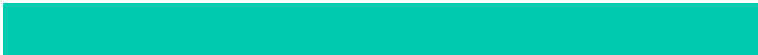
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A2BE62



69C784



00CBB1

# Triad

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



69C784



64B9FF



FF938A

# Complementary

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



69C784



C769AC

# 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.



FF8EB6



69C784



B6A8FF

# Square

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



69C784



00C4FF



EB97E3



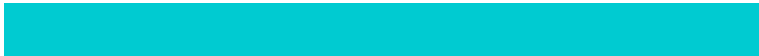
F4A166

# Rectangle

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



69C784



00CBD1



EB97E3



FF9098

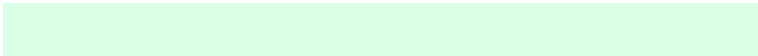


# Sweetspot

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



69C784



DBFFE6



ACC769



6A8070



000000



808080



# Same Dimension

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



69C784



6EFF97



69C7B3



5A635C



00A32F



00240A



# Inverse Universe

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



C769AC



FF6ED5



C7697D



635A61



A30074



240019



# Previews

## White Background



This preview shows how the Hex color 69C784 looks on a white background.

## Color Contrast Check

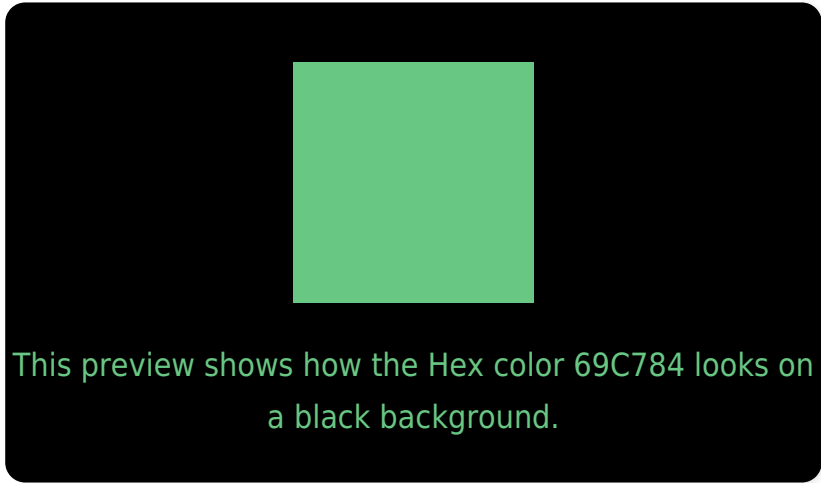
Large Text (above 18pt) WCAG AA × Fail

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

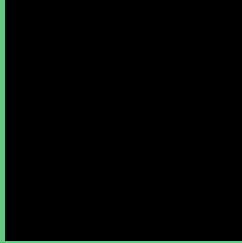
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 69C784 Background



This preview shows how black text looks on a background with the Hex color 69C784.

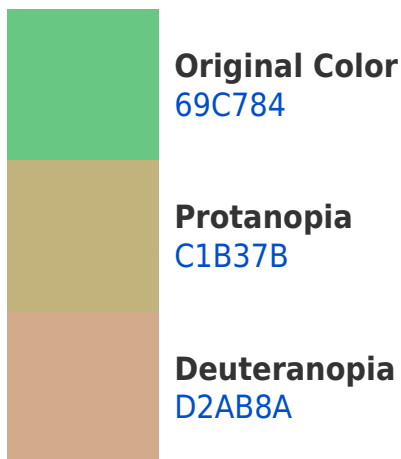


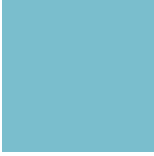
This preview shows how white text looks on a background with the Hex color 69C784.

# 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**  
7ABECD

# Trichromacy



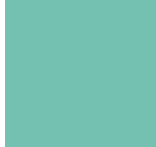
**Original Color**  
69C784



**Protanomaly**  
A1BA7E



**Deuteranomaly**  
ACB588



**Tritanomaly**  
74C1B2

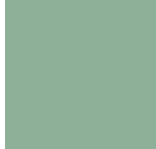
# Monochromacy



**Original Color**  
69C784



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
8EB098

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69C784 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 #69C784 looks like.

```
.text, #text, p{  
    color:#69C784  
}
```

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 #69C784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69C784
}
```

## Border

The CSS property to change the border of an element to Hex 69C784 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
#69C784 }
```

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

```
.border{ border-color:#69C784 }
```

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

Here you see how a box with a 4 pixel #69C784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69C784; -webkit-box-shadow:4px 4px  
4px 4px #69C784; box-shadow:4px 4px 4px  
4px #69C784 }
```

# Background

The CSS property to change the background color of an element to Hex 69C784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69C784 }
```

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

```
.background{ background-color:#69C784 }
```

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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