

Converting Colors

Hex(6C9F76)

Have a look what the booklet for
Hex(6C9F76) contains.

Hex(6C9F76)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6C9F76)

Conversions

Conversions Part 1

Format	Color
Hex	6C9F76
RGB	108, 159, 118
RGB Percent	42%, 62%, 46%
CMY	0.5765, 0.3765, 0.5373
CMYK	0.32, 0.00, 0.26, 0.38
HSL	132°, 21%, 52%
HSV	132°, 32%, 62%
XYZ	21.8525, 29.2924, 21.6418
YIQ	139.0770, -17.2350, -23.5630

Conversions

Conversions Part 2

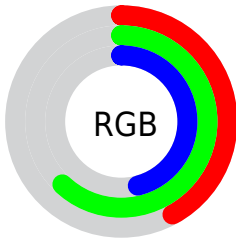
Format	Color
RYB	108, 151, 159
Decimal	7118710
CIELab	61.04, -25.76, 16.11
CIELCh	61, 30.378, 147.980
Yxy	29.2924, 0.3002, 0.4024
Android (android.graphics.Color)	4285308790 (0xFF6C9F76)
YUV	139.0770, -10.3910, -27.2545
Hunter-Lab	54.1225, -22.6432, 14.1776

Details

The Hex color **6C9F76** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9F6C95**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A1D6AA**, and **3A6B45** is the 20% darker color. If you saturate the color by 10%, you get **5C9F69**, and if you desaturate by 10%, it is **7C9F83**.

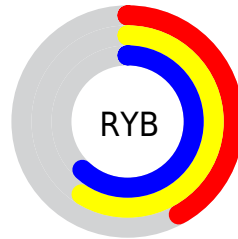
Distribution



Red (42%)

Green (62%)

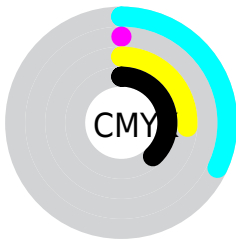
Blue (46%)



Red (42%)

Yellow (59%)

Blue (62%)

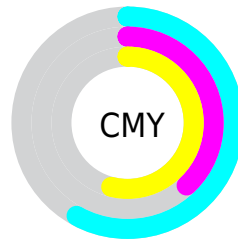


Cyan (32%)

Magenta (0%)

Yellow (26%)

Black (38%)



Cyan (58%)

Magenta (38%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C9F76 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 6C9F76 by changing the saturation by 10% instead.



6C9F76



6C9F76

FFFFFF



53855D



A1D6AA



3A6B45



BCF2C6



21532F



D8FFE2



063B1A



F5FFFE



002500



000700



000000



6C9F76



6C9F76



5C9F69



7C9F83

 4C9F5C

 8C9F90

 3C9F50

 9C9F9C

 2C9F43


 AC9FA9

 1D9F36

 BB9FB6

 0D9F29

 CB9FC3

 009F1F

 DB9FCF

 EB9FDC

 FB9FE9

Harmonies

Analogous

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



8B9963



6C9F76



4BA290

Triad

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



6C9F76



6B96C8



C8817B

Complementary

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



6C9F76



9F6C95

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.



C57F96



6C9F76



948DC3

Square

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



6C9F76



439EC0



B484B0



BD8867

Rectangle

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



6C9F76



39A2A3



B484B0



C97F84

Sweetspot

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



6C9F76



BACFBE



969F6C



5C695E



E8E8E8



696969

Same Dimension

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



6C9F76



80CF8F



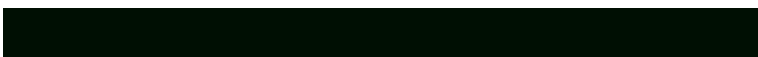
6C9F8F



474F49



008F1C



000F03

Inverse Universe

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



9F6C95



CF80BF



9F6C7C



4F474E



8F0073



0F000C

Previews

White Background



This preview shows how the Hex color 6C9F76 looks on a white background.

Color Contrast Check

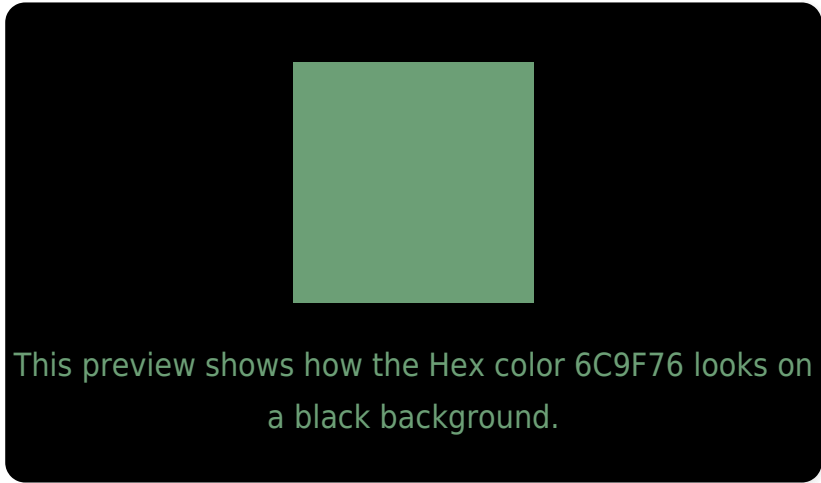
Large Text (above 18pt) WCAG AA ✓ Pass

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

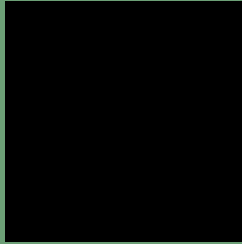
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 6C9F76 Background



This preview shows how black text looks on a background with the Hex color 6C9F76.

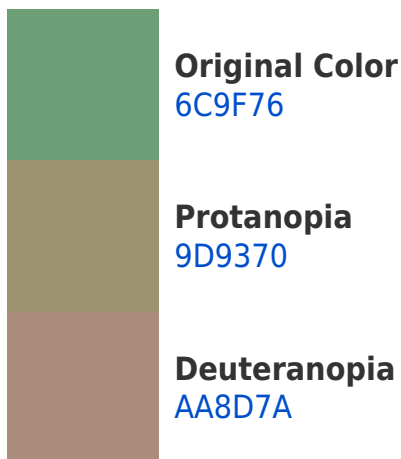


This preview shows how white text looks on a background with the Hex color 6C9F76.

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](#).

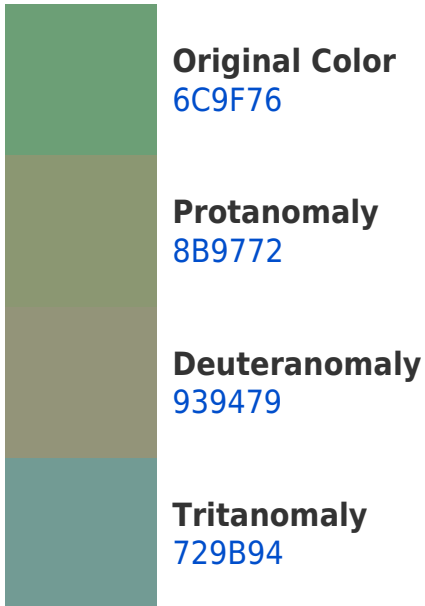
Dichromacy





Tritanopia
7599A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C9F76 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 #6C9F76 looks like.

```
.text, #text, p{  
    color:#6C9F76  
}
```

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 #6C9F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C9F76
}
```

Border

The CSS property to change the border of an element to Hex 6C9F76 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
#6C9F76 }
```

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

```
.border{ border-color:#6C9F76 }
```

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

Here you see how a box with a 4 pixel #6C9F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C9F76; -webkit-box-shadow:4px 4px  
4px 4px #6C9F76; box-shadow:4px 4px 4px  
4px #6C9F76 }
```

Background

The CSS property to change the background color of an element to Hex 6C9F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C9F76 }
```

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

```
.background{ background-color:#6C9F76 }
```

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