

# Converting Colors

Hex(6C9763)

Have a look what the booklet for  
Hex(6C9763) contains.

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**Color**

**Hex(6C9763)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C9763
RGB	108, 151, 99
RGB Percent	42%, 59%, 39%
CMY	0.5765, 0.4078, 0.6118
CMYK	0.28, 0.00, 0.34, 0.41
HSL	110°, 21%, 49%
HSV	110°, 34%, 59%
XYZ	19.5031, 26.2222, 15.8379
YIQ	132.2150, -8.9360, -25.2880

# Conversions

## Conversions Part 2

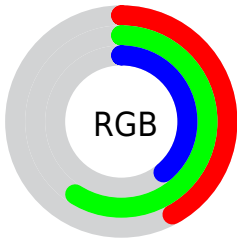
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 151, 142
Decimal	7116643
CIE <sub>Lab</sub>	58.25, -25.12, 22.83
CIE <sub>LCh</sub>	58, 33.945, 137.734
Yxy	26.2222, 0.3168, 0.4259
Android (android.graphics.Color)	4285306723 (0xFF6C9763)
YUV	132.2150, -16.3750, -21.2366
Hunter-Lab	51.2076, -21.6293, 17.5077

# Details

The Hex color **6C9763** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E6397**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **A1CD96**, and **3A6434** is the 20% darker color. If you saturate the color by 10%, you get **609754**, and if you desaturate by 10%, it is **789772**.

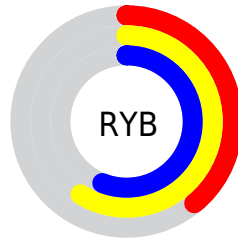
# Distribution



Red (42%)

Green (59%)

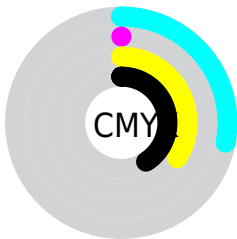
Blue (39%)



Red (39%)

Yellow (59%)

Blue (56%)

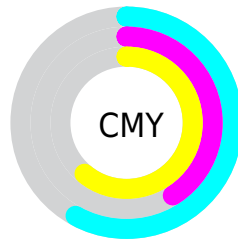


Cyan (28%)

Magenta (0%)

Yellow (34%)

Black (41%)



Cyan (58%)

Magenta (41%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C9763 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 6C9763 by changing the saturation by 10% instead.



■ 6C9763

■ 6C9763

FFFFFF

■ 537D4B

■ A1CD96

■ 3A6434

■ BCEAB1

■ 224C1D

■ D8FFCD

■ 093506

■ F5FFE9

■ 002000

■ 000000

■ 6C9763

■ 6C9763

■ 609754

■ 789772

■ 539745

■ 859781

 479736

 919790

 3A9727

 9E979F

 2E9718

 AA97AF

 219708

 B797BE

 1A9700

 C397CD

 D097DC

 DC97EB

# Harmonies

## Analogous

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



8E9052



6C9763



459B7E

# Triad

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



6C9763



4993C6



C6757B

# Complementary

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



6C9763



8E6397

# 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.



BE769A



6C9763



7D89C4

# Square

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



6C9763



0099B7



A57EB4



BE7C61

# Rectangle

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



6C9763



249C93



A57EB4



C57585



# Sweetspot

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



6C9763



B4C4B1



978D63



5A6358



E3E3E3



636363



# Same Dimension

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



6C9763



82C474



639773



464D45



188C00



020D00



# Inverse Universe

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



8E6397



B674C4



976387



4B454D



74008C



0B000D



# Previews

## White Background



This preview shows how the Hex color 6C9763 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

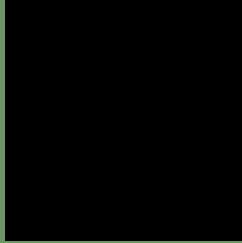
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C9763 Background



This preview shows how black text looks on a background with the Hex color 6C9763.



This preview shows how white text looks on a background with the Hex color 6C9763.

# 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



**Original Color**  
6C9763

**Protanopia**  
978B5E

**Deuteranopia**  
A58667



**Tritanopia**  
76909C

# Trichromacy



**Original Color**  
6C9763

**Protanomaly**  
878F60

**Deuteranomaly**  
908C66

**Tritanomaly**  
729387

# Monochromacy



**Original Color**  
6C9763

**Achromatopsia**  
848484

**Achromatomaly**  
7B8B78

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C9763 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 #6C9763 looks like.

```
.text, #text, p{  
    color:#6C9763  
}
```

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 #6C9763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C9763
}
```

## Border

The CSS property to change the border of an element to Hex 6C9763 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
#6C9763 }
```

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

```
.border{ border-color:#6C9763 }
```

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

Here you see how a box with a 4 pixel #6C9763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C9763; -webkit-box-shadow:4px 4px  
4px 4px #6C9763; box-shadow:4px 4px 4px  
4px #6C9763 }
```

# Background

The CSS property to change the background color of an element to Hex 6C9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C9763 }
```

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

```
.background{ background-color:#6C9763 }
```

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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