

# Converting Colors

Hex(6C9654)

Have a look what the booklet for  
Hex(6C9654) contains.

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# Color

Hex(6C9654)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C9654
RGB	108, 150, 84
RGB Percent	42%, 59%, 33%
CMY	0.5765, 0.4118, 0.6706
CMYK	0.28, 0.00, 0.44, 0.41
HSL	98°, 28%, 46%
HSV	98°, 44%, 59%
XYZ	18.6909, 25.6409, 12.3516
YIQ	129.9180, -3.8460, -29.4300

# Conversions

## Conversions Part 2

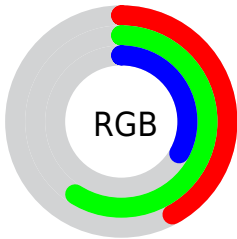
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 150, 126
Decimal	7116372
CIELab	57.69, -26.89, 30.24
CIELCh	58, 40.468, 131.641
Yxy	25.6409, 0.3297, 0.4524
Android (android.graphics.Color)	4285306452 (0xFF6C9654)
YUV	129.9180, -22.6376, -19.2221
Hunter-Lab	50.6369, -22.7272, 20.9835

# Details

The Hex color **6C9654** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7E5496**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A1CC87**, and **3A6325** is the 20% darker color. If you saturate the color by 10%, you get **629645**, and if you desaturate by 10%, it is **769663**.

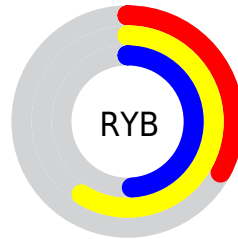
# Distribution



Red (42%)

Green (59%)

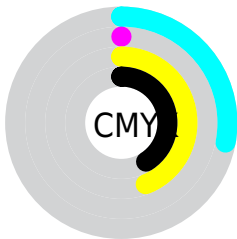
Blue (33%)



Red (33%)

Yellow (59%)

Blue (49%)

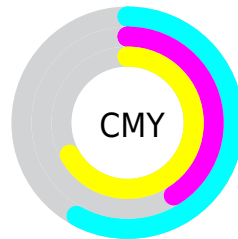


Cyan (28%)

Magenta (0%)

Yellow (44%)

Black (41%)



Cyan (58%)

Magenta (41%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C9654 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 6C9654 by changing the saturation by 10% instead.





6C9654



6C9654

FFFFFF



537C3C



A1CC87



3A6325



BDE9A1



214B0D



D9FFBC



0A3400



F6FFD8



002000



FFFFFF5



000000



6C9654



6C9654



629645



769663



599636



7F9672

 4F9627

 899681

 469618

 929690

 3C9609

 9C969F

 379600

 A596AE

 AF96BD

 B896CC

 C296DB

# Harmonies

## Analogous

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



938D43



6C9654



399B73

# Triad

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



6C9654



0094CD



CE6E7E

# Complementary

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



6C9654



7E5496

# 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.



C171A2



6C9654



6A8AD0

# Square

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



6C9654



009BB9



A07CC0



C8755D

# Rectangle

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



6C9654



009D8B



A07CC0



CC6D8A



# Sweetspot

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



6C9654



B2C2A9



967E54



576151



E0E0E0



616161



# Same Dimension

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



6C9654



80C25B



54965D



454A43



328A00



040A00



# Inverse Universe

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



7E5496



9C5BC2



96548D



47434A



58008A



06000A



# Previews

## White Background



This preview shows how the Hex color 6C9654 looks on a white background.

## Color Contrast Check

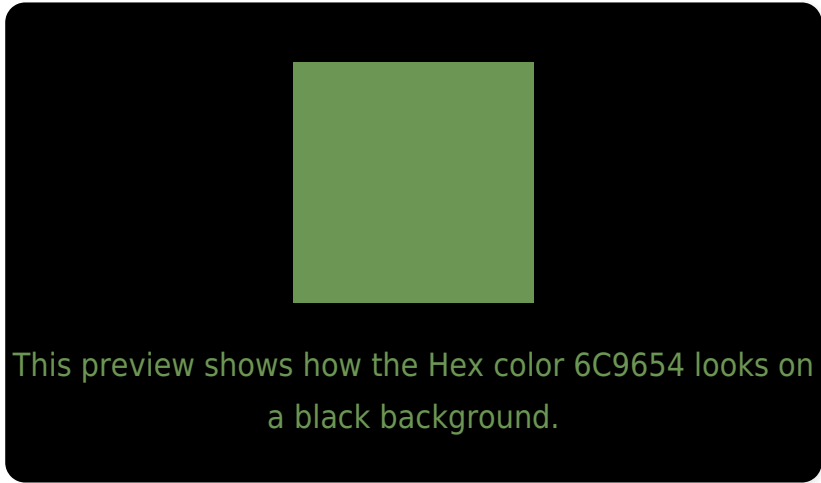
Large Text (above 18pt) WCAG AA ✓ Pass

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

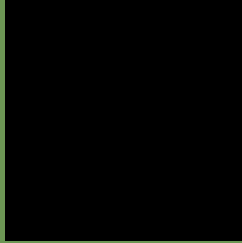
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C9654 Background



This preview shows how black text looks on a background with the Hex color 6C9654.



This preview shows how white text looks on a background with the Hex color 6C9654.

# 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**  
778E99

# Trichromacy



**Original Color**  
6C9654

**Protanomaly**  
878E51

**Deuteranomaly**  
918B57

**Tritanomaly**  
739180

# Monochromacy



**Original Color**  
6C9654

**Achromatopsia**  
828282

**Achromatomaly**  
7A8971

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C9654 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 #6C9654 looks like.

```
.text, #text, p{  
    color:#6C9654  
}
```

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 #6C9654 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C9654
}
```

## Border

The CSS property to change the border of an element to Hex 6C9654 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
#6C9654 }
```

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

```
.border{ border-color:#6C9654 }
```

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

Here you see how a box with a 4 pixel #6C9654 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C9654; -webkit-box-shadow:4px 4px  
4px 4px #6C9654; box-shadow:4px 4px 4px  
4px #6C9654 }
```

# Background

The CSS property to change the background color of an element to Hex 6C9654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C9654 }
```

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

```
.background{ background-color:#6C9654 }
```

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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