

# Converting Colors

Hex(659734)

Have a look what the booklet for  
Hex(659734) contains.

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**Color**

**Hex(659734)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	659734
RGB	101, 151, 52
RGB Percent	40%, 59%, 20%
CMY	0.6039, 0.4078, 0.7961
CMYK	0.33, 0.00, 0.66, 0.41
HSL	90°, 49%, 40%
HSV	90°, 66%, 59%
XYZ	17.0533, 25.1479, 7.2040
YIQ	124.7640, 1.9790, -41.3890

# Conversions

## Conversions Part 2

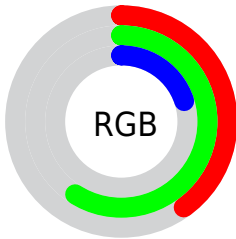
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 151, 102
Decimal	6657844
CIELab	57.22, -33.59, 45.35
CIElCh	57, 56.436, 126.530
Yxy	25.1479, 0.3452, 0.5090
Android (android.graphics.Color)	4284847924 (0xFF659734)
YUV	124.7640, -35.8727, -20.8410
Hunter-Lab	50.1476, -27.0574, 26.5860

# Details

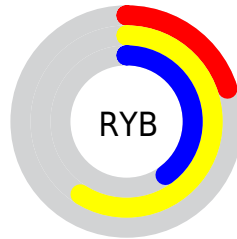
The Hex color **659734** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **663497**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **9BCE67**, and **306400** is the 20% darker color. If you saturate the color by 10%, you get **5D9725**, and if you desaturate by 10%, it is **6D9743**.

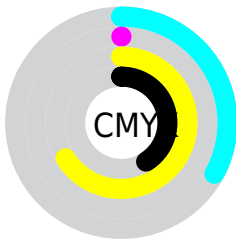
# Distribution



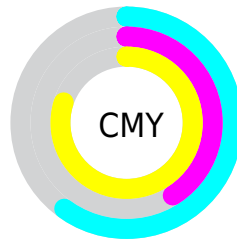
- Red (40%)
- Green (59%)
- Blue (20%)



- Red (20%)
- Yellow (59%)
- Blue (40%)



- Cyan (33%)
- Magenta (0%)
- Yellow (66%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 659734 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 659734 by changing the saturation by 10% instead.





659734



659734

FFFFFF



4B7D19



9BCE67



306400



B7EA81



154B00



D3FF9C



003400



F1FFB8



002100



FFFFD4



000000



FFFFF1



659734



659734



5D9725



6D9743

■ 569716

■ 749752

■ 4E9707

■ 7C9761

■ 4B9700

■ 849770

■ 8B9780

■ 93978F

■ 9A979E

■ A297AD

■ AA97BC

# Harmonies

## Analogous

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



998A1B



659734



009E60

# Triad

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



659734



0099E3



E25A81

# Complementary

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



659734



663497

# 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.



CD63B2



659734



2C8BEB

# Square

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



659734



00A0C3



9978D9



DC6551

# Rectangle

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



659734



00A082



9978D9



DE5B91



# Sweetspot

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



659734



B1C49D



976634



57634C



E3E3E3



636363



# Same Dimension

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



659734



76C429



349734



494D45



458C00



060D00



# Inverse Universe

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



663497



7829C4



973497



49454D



47008C



06000D



# Previews

## White Background



This preview shows how the Hex color 659734 looks on a white background.

## Color Contrast Check

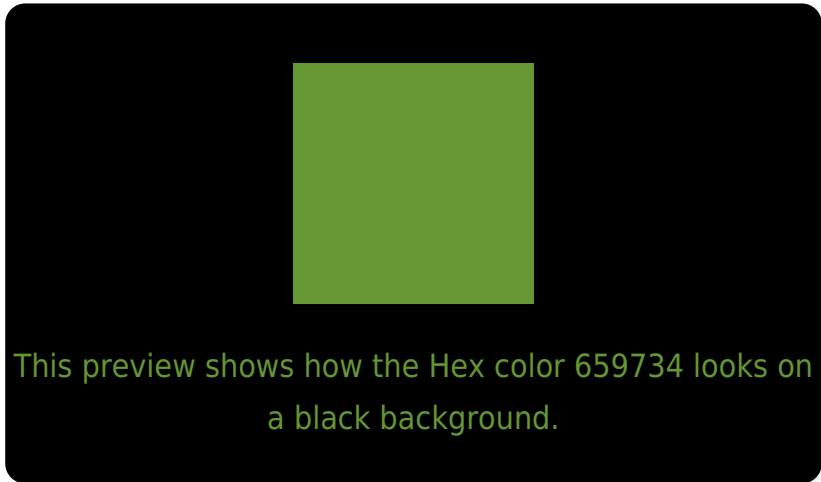
Large Text (above 18pt) WCAG AA ✓ Pass

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 659734 Background



This preview shows how black text looks on a background with the Hex color 659734.

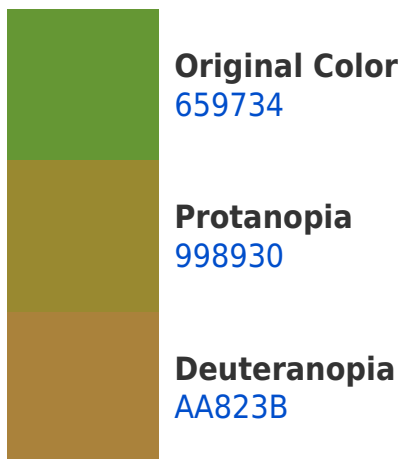


This preview shows how white text looks on a background with the Hex color 659734.

# 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](#).

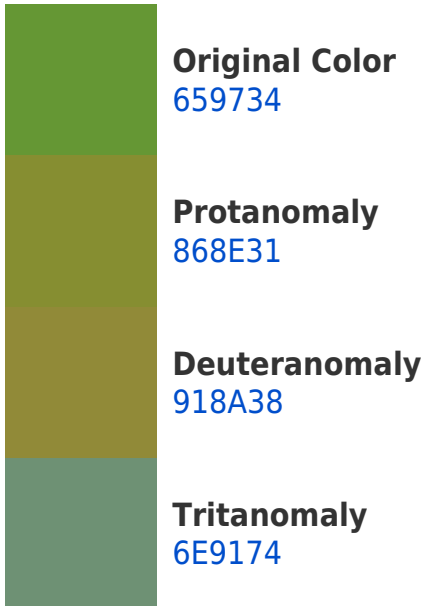
## Dichromacy





**Tritanopia**  
738D99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 659734 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 #659734 looks like.

```
.text, #text, p{  
    color:#659734  
}
```

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 #659734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #659734  
}
```

## Border

The CSS property to change the border of an element to Hex 659734 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  
#659734 }
```

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

```
.border{ border-color:#659734 }
```

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

Here you see how a box with a 4 pixel #659734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #659734; -webkit-box-shadow:4px 4px  
4px 4px #659734; box-shadow:4px 4px 4px  
4px #659734 }
```

# Background

The CSS property to change the background color of an element to Hex 659734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#659734 }
```

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

```
.background{ background-color:#659734 }
```

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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