

# Converting Colors

Hex(67A658)

Have a look what the booklet for  
Hex(67A658) contains.

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# **Color**

**Hex(67A658)**

# Conversions

## Conversions Part 1

Format	Color
Hex	67A658
RGB	103, 166, 88
RGB Percent	40%, 65%, 35%
CMY	0.5961, 0.3490, 0.6549
CMYK	0.38, 0.00, 0.47, 0.35
HSL	108°, 31%, 50%
HSV	108°, 47%, 65%
XYZ	20.9912, 30.8606, 14.0829
YIQ	138.2710, -12.5100, -37.6140

# Conversions

## Conversions Part 2

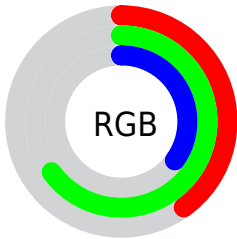
Format	Color
<a href="#">RYB</a>	<a href="#">88, 166, 151</a>
Decimal	<a href="#">6792792</a>
CIELab	<a href="#">62.39, -35.66, 34.01</a>
CIELCh	<a href="#">62, 49.277, 136.354</a>
Yxy	<a href="#">30.8606, 0.3184, 0.4680</a>
Android (android.graphics.Color)	<a href="#">4284982872</a> ( <a href="#">0xFF67A658</a> )
YUV	<a href="#">138.2710, -24.7836, -30.9327</a>
Hunter-Lab	<a href="#">55.5523, -29.7679, 23.8562</a>

# Details

The Hex color **67A658** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9758A6**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **9DDE8B**, and **327128** is the 20% darker color. If you saturate the color by 10%, you get **5AA647**, and if you desaturate by 10%, it is **74A669**.

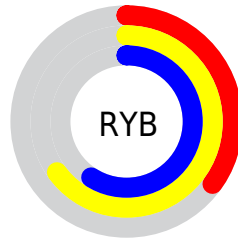
# Distribution



Red (40%)

Green (65%)

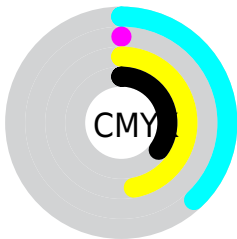
Blue (35%)



Red (35%)

Yellow (65%)

Blue (59%)

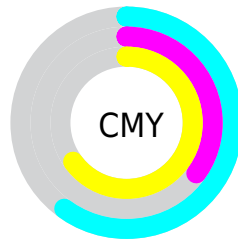


Cyan (38%)

Magenta (0%)

Yellow (47%)

Black (35%)



Cyan (60%)

Magenta (35%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67A658 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 67A658 by changing the saturation by 10% instead.





67A658



67A658

FFFFFF



4D8B40



9DDE8B



327128



B9FAA6



15590F



D5FFC2



004000



F2FFDE



002A00



FFFFFFB



000F00



000000



67A658



67A658



5AA647



74A669

 4CA637

 82A679

 3FA626

 8FA68A

 31A616

 9DA69A

 24A605

 AAA6AB

 20A600

 B7A6BC

 C5A6CC

 D2A6DD

 E0A6ED

# Harmonies

## Analogous

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



999C3F



67A658



00AB81

# Triad

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



67A658



00A1EB



E97281

# Complementary

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



67A658



9758A6

# 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.



DD74AD



67A658



7793EB

# Square

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



67A658



00AAD5



B882D4



DD7D59

# Rectangle

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



67A658



00AD9F



B882D4



E8718F



# Sweetspot

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



67A658



C0D9BA



A69658



5F6E5B



EDEDED



6E6E6E



# Same Dimension

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



67A658



77D95F



58A66F



4D544C



1C9400



041400



# Inverse Universe

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



9758A6



C15FD9



A6588F



534C54



770094



100014



# Previews

## White Background



This preview shows how the Hex color 67A658 looks on a white background.

## Color Contrast Check

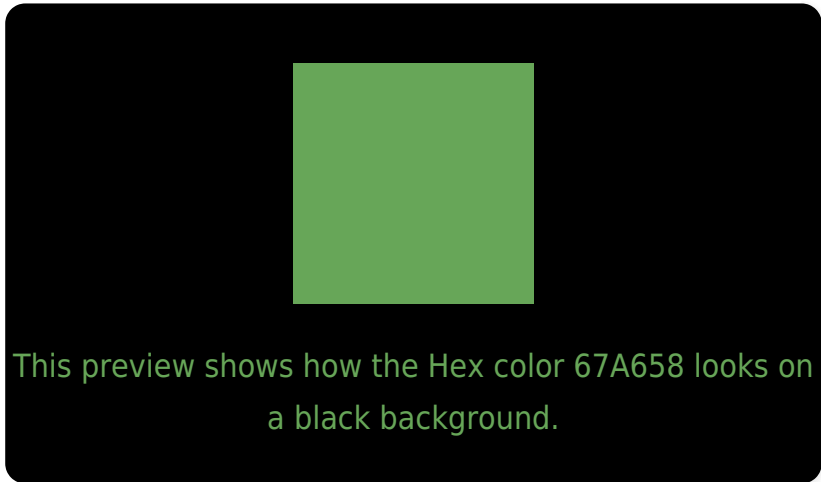
Large Text (above 18pt) WCAG AA × Fail

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

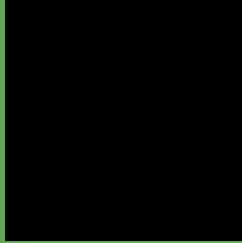
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 67A658 Background



This preview shows how black text looks on a background with the Hex color 67A658.



This preview shows how white text looks on a background with the Hex color 67A658.

# 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](#).

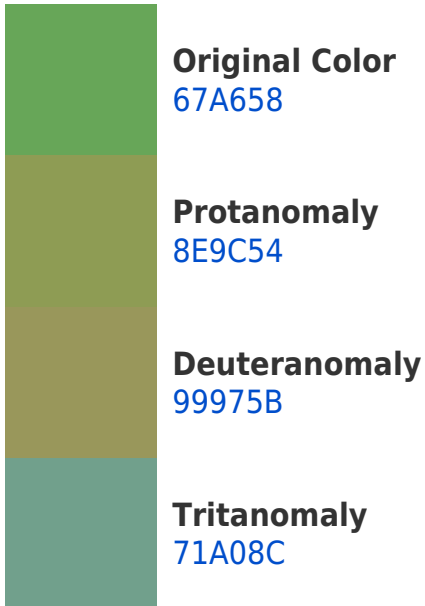
## Dichromacy





**Tritanopia**  
769DA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67A658 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 #67A658 looks like.

```
.text, #text, p{  
    color:#67A658  
}
```

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 #67A658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67A658
}
```

## Border

The CSS property to change the border of an element to Hex 67A658 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
#67A658 }
```

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

```
.border{ border-color:#67A658 }
```

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

Here you see how a box with a 4 pixel #67A658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67A658; -webkit-box-shadow:4px 4px  
4px 4px #67A658; box-shadow:4px 4px 4px  
4px #67A658 }
```

# Background

The CSS property to change the background color of an element to Hex 67A658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67A658 }
```

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

```
.background{ background-color:#67A658 }
```

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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