

# Converting Colors

Hex(64A759)

Have a look what the booklet for  
Hex(64A759) contains.

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# **Color**

**Hex(64A759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64A759
RGB	100, 167, 89
RGB Percent	39%, 65%, 35%
CMY	0.6078, 0.3451, 0.6510
CMYK	0.40, 0.00, 0.47, 0.35
HSL	112°, 31%, 50%
HSV	112°, 47%, 65%
XYZ	20.8774, 31.0680, 14.3476
YIQ	138.0750, -14.8940, -38.4620

# Conversions

## Conversions Part 2

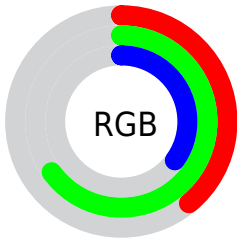
Format	Color
<a href="#">RYB</a>	<a href="#">89, 167, 156</a>
Decimal	<a href="#">6596441</a>
CIELab	<a href="#">62.57, -36.96, 33.68</a>
CIELCh	<a href="#">63, 50.006, 137.656</a>
Yxy	<a href="#">31.0680, 0.3149, 0.4686</a>
Android (android.graphics.Color)	<a href="#">4284786521 (0xFF64A759)</a>
YUV	<a href="#">138.0750, -24.1940, -33.3918</a>
Hunter-Lab	<a href="#">55.7387, -30.6840, 23.7554</a>

# Details

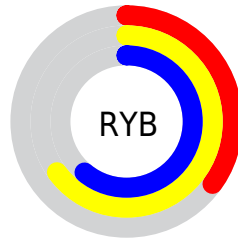
The Hex color **64A759** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9C59A7**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9ADF8C**, and **2F7229** is the 20% darker color. If you saturate the color by 10%, you get **56A748**, and if you desaturate by 10%, it is **72A76A**.

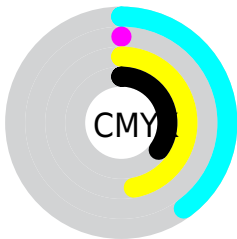
# Distribution



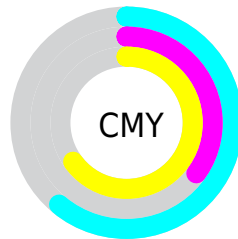
- Red (39%)
- Green (65%)
- Blue (35%)



- Red (35%)
- Yellow (65%)
- Blue (61%)



- Cyan (40%)
- Magenta (0%)
- Yellow (47%)
- Black (35%)



- Cyan (61%)
- Magenta (35%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64A759 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 64A759 by changing the saturation by 10% instead.



 64A759

 64A759

FFFFFF

 4A8C41

 9ADF8C

 2F7229

 B6FBA7

 0F5910

 D2FFC3

 004100

 EFFFDF

 002B00

 FFFFFC

 001000

 000000

 64A759

 64A759

 56A748

 72A76A

 47A738

 81A77A

 39A727

 8FA78B

 2BA716

 9DA79C

 1CA705

 ACA7AC

 18A700

 BAA7BD

 C8A7CE

 D7A7DF

 E5A7EF

# Harmonies

## Analogous

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



979D3E



64A759



00AC83

# Triad

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



64A759



00A1EE



EA727F

# Complementary

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



64A759



9C59A7

# 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.



E073AC



64A759



7B93EC

# Square

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



64A759



00AAD8



BB81D4



DE7E57

# Rectangle

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



64A759



00AEA2



BB81D4



EA718E



# Sweetspot

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



64A759



BFD9BA



A79B59



5E6E5B



EDEDED



6E6E6E



# Same Dimension

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



64A759



70D95F



59A774



4D544C



159400



031400



# Inverse Universe

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



9C59A7



C85FD9



A7598C



534C54



7F0094



120014



# Previews

## White Background



This preview shows how the Hex color 64A759 looks on a white background.

## Color Contrast Check

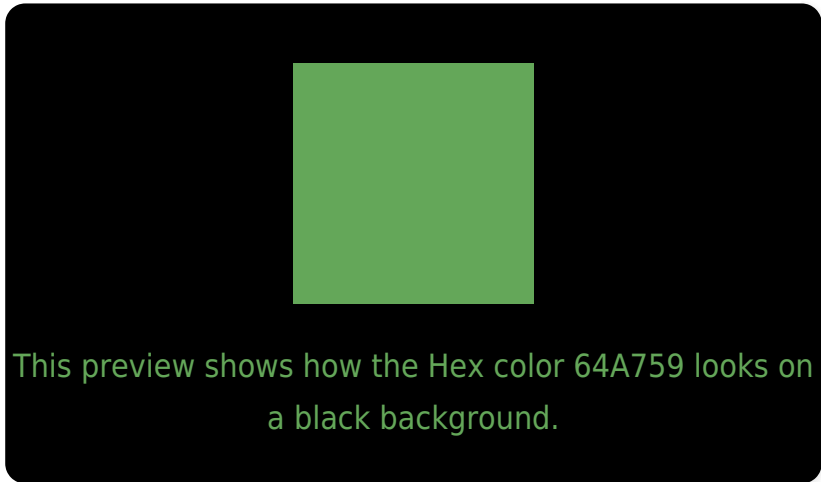
Large Text (above 18pt) WCAG AA × Fail

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 64A759 Background



This preview shows how black text looks on a background with the Hex color 64A759.



This preview shows how white text looks on a background with the Hex color 64A759.

# 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](#).

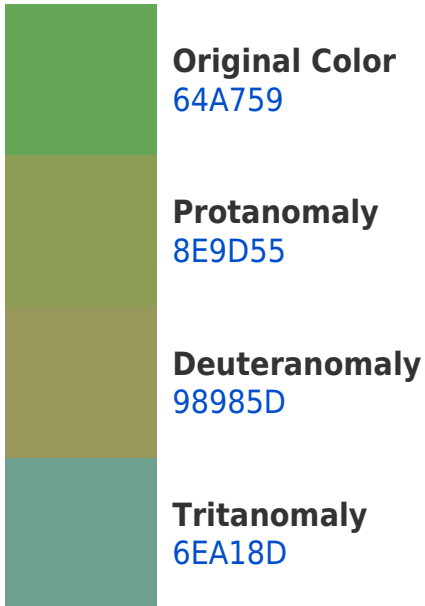
## Dichromacy



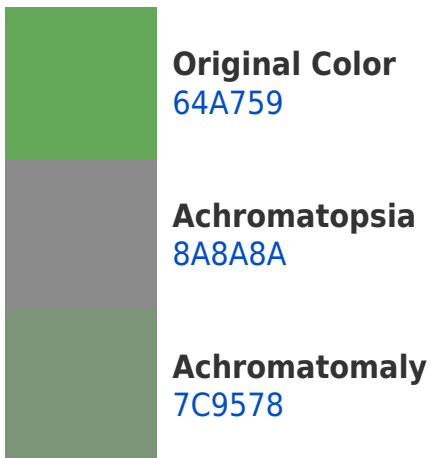


**Tritanopia**  
739EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64A759 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 #64A759 looks like.

```
.text, #text, p{  
    color:#64A759  
}
```

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 #64A759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A759
}
```

## Border

The CSS property to change the border of an element to Hex 64A759 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
#64A759 }
```

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

```
.border{ border-color:#64A759 }
```

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

Here you see how a box with a 4 pixel #64A759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A759; -webkit-box-shadow:4px 4px  
4px 4px #64A759; box-shadow:4px 4px 4px  
4px #64A759 }
```

# Background

The CSS property to change the background color of an element to Hex 64A759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A759 }
```

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

```
.background{ background-color:#64A759 }
```

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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