

# Converting Colors

Hex(669459)

Have a look what the booklet for  
Hex(669459) contains.

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# Color

**Hex(669459)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	669459
RGB	102, 148, 89
RGB Percent	40%, 58%, 35%
CMY	0.6000, 0.4196, 0.6510
CMYK	0.31, 0.00, 0.40, 0.42
HSL	107°, 25%, 46%
HSV	107°, 40%, 58%
XYZ	17.8726, 24.7259, 13.2818
YIQ	127.5200, -8.4770, -28.1010

# Conversions

## Conversions Part 2

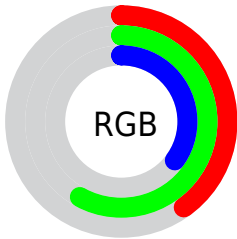
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 148, 135
Decimal	6722649
CIE <sub>Lab</sub>	56.81, -27.37, 26.34
CIE <sub>LCh</sub>	57, 37.988, 136.099
Yxy	24.7259, 0.3198, 0.4425
Android (android.graphics.Color)	4284912729 (0xFF669459)
YUV	127.5200, -18.9904, -22.3810
Hunter-Lab	49.7251, -22.8611, 18.9710

# Details

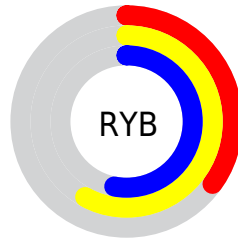
The Hex color **669459** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **875994**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **9BCA8C**, and **34612A** is the 20% darker color. If you saturate the color by 10%, you get **5A944A**, and if you desaturate by 10%, it is **729468**.

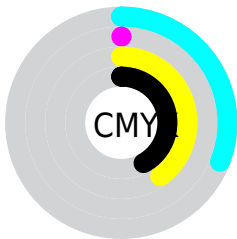
# Distribution



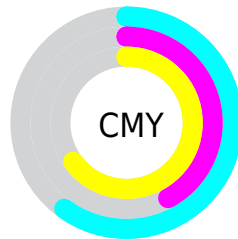
- Red (40%)
- Green (58%)
- Blue (35%)



- Red (35%)
- Yellow (58%)
- Blue (53%)



- Cyan (31%)
- Magenta (0%)
- Yellow (40%)
- Black (42%)



- Cyan (60%)
- Magenta (42%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 669459 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 669459 by changing the saturation by 10% instead.





669459



669459

FFFFFF



4D7A41



9BCA8C



34612A



B6E7A6



1B4914



D2FFC2



033200



FFFFDE



001F00



FFFFFFA



000000



669459



669459



5A944A



729468



4F943B



7D9477

 43942D

 899485

 38941E

 949494

 2C940F

 A094A3

 219400

 AB94B2

 B794C1

 C294CF

 CE94DE

# Harmonies

## Analogous

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



8B8C47



669459



369877

# Triad

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



669459



2D90C8



C86E78

# Complementary

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



669459



875994

# 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.



BE6F99



669459



7385C8

# Square

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



669459



0097B7



A279B6



C0755A

# Rectangle

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



669459



009A8E



A279B6



C76D83



# Sweetspot

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



669459



ADBFA8



948659



566153



E0E0E0



616161



# Same Dimension

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



669459



78BF63



599469



444A43



1E8A00



020A00



# Inverse Universe

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



875994



AB63BF



945984



48434A



6B008A



08000A



# Previews

## White Background



This preview shows how the Hex color 669459 looks on a white background.

## Color Contrast Check

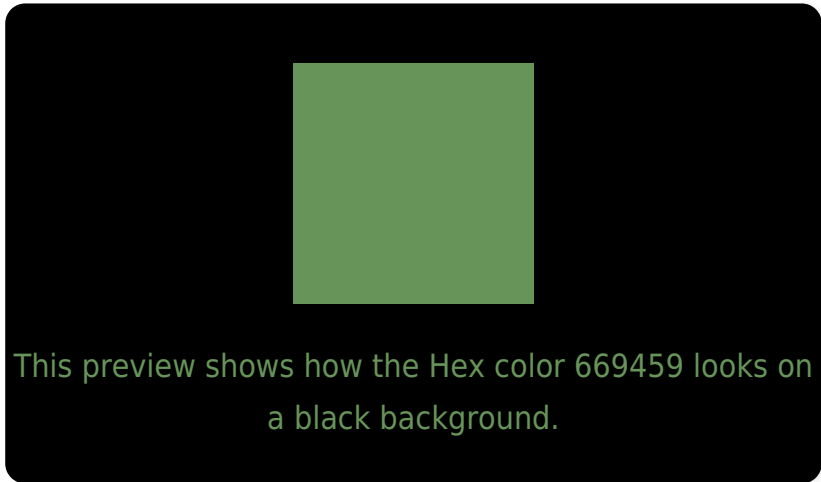
Large Text (above 18pt) WCAG AA ✓ Pass

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

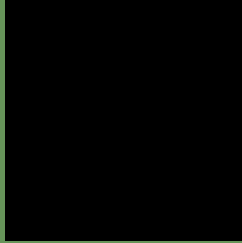
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 669459 Background



This preview shows how black text looks on a background with the Hex color 669459.



This preview shows how white text looks on a background with the Hex color 669459.

# 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**  
718D98

# Trichromacy



**Original Color**  
669459

**Protanomaly**  
838C56

**Deuteranomaly**  
8C895C

**Tritanomaly**  
6D9081

# Monochromacy



**Original Color**  
669459

**Achromatopsia**  
808080

**Achromatomaly**  
778772

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 669459 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 #669459 looks like.

```
.text, #text, p{  
    color:#669459  
}
```

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 #669459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #669459
}
```

## Border

The CSS property to change the border of an element to Hex 669459 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
#669459 }
```

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

```
.border{ border-color:#669459 }
```

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

Here you see how a box with a 4 pixel #669459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #669459; -webkit-box-shadow:4px 4px  
4px 4px #669459; box-shadow:4px 4px 4px  
4px #669459 }
```

# Background

The CSS property to change the background color of an element to Hex 669459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#669459 }
```

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

```
.background{ background-color:#669459 }
```

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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