

# Converting Colors

Hex(669B50)

Have a look what the booklet for  
Hex(669B50) contains.

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**Color**

**Hex(669B50)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	669B50
RGB	102, 155, 80
RGB Percent	40%, 61%, 31%
CMY	0.6000, 0.3922, 0.6863
CMYK	0.34, 0.00, 0.48, 0.39
HSL	102°, 32%, 46%
HSV	102°, 48%, 61%
XYZ	18.6488, 26.8467, 11.7884
YIQ	130.6030, -7.5130, -34.5610

# Conversions

## Conversions Part 2

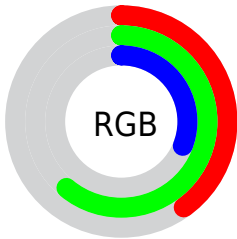
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 155, 133
Decimal	6724432
CIELab	58.83, -32.01, 33.70
CIELCh	59, 46.479, 133.529
Yxy	26.8467, 0.3256, 0.4687
Android (android.graphics.Color)	4284914512 (0xFF669B50)
YUV	130.6030, -24.9473, -25.0848
Hunter-Lab	51.8138, -26.4284, 22.7802

# Details

The Hex color **669B50** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **85509B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **9BD283**, and **336720** is the 20% darker color. If you saturate the color by 10%, you get **5B9B41**, and if you desaturate by 10%, it is **719B60**.

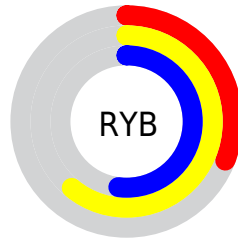
# Distribution



Red (40%)

Green (61%)

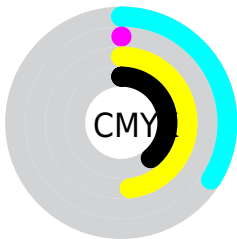
Blue (31%)



Red (31%)

Yellow (61%)

Blue (52%)

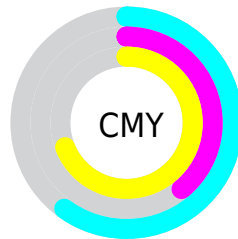


Cyan (34%)

Magenta (0%)

Yellow (48%)

Black (39%)



Cyan (60%)

Magenta (39%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 669B50 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 669B50 by changing the saturation by 10% instead.



 669B50

 669B50

FFFFFF

 4C8138

 9BD283

 336720

 B7EE9D

 184F06

 D3FFB8

 003700

 F0FFD4

 002300


 FFFFF1

 000000

 669B50

 669B50

 5B9B41

 719B60

 509B31

 7C9B6F

 459B22

 879B7E

 3A9B12

 929B8E

 2F9B03

 9D9B9D

 2D9B00

 A89BAD

 B39BBD

 BE9BCC

 C99BDC

# Harmonies

## Analogous

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



93913A



669B50



1BA175

# Triad

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



669B50



0098DB



DA6B7D

# Complementary

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



669B50



85509B

# 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.



CD6EA6



669B50



698CDD

# Square

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



669B50



00A0C5



A87BC9



D17457

# Rectangle

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



669B50



00A291



A87BC9



D86A8A



# Sweetspot

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



669B50



B4C9AB



9B8450



596654



E6E6E6



666666



# Same Dimension

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



669B50



77C955



509B5F



474D45



298C00



040D00



# Inverse Universe

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



85509B



A755C9



9B508C



4A454D



63008C



09000D



# Previews

## White Background



This preview shows how the Hex color 669B50 looks on a white background.

## Color Contrast Check

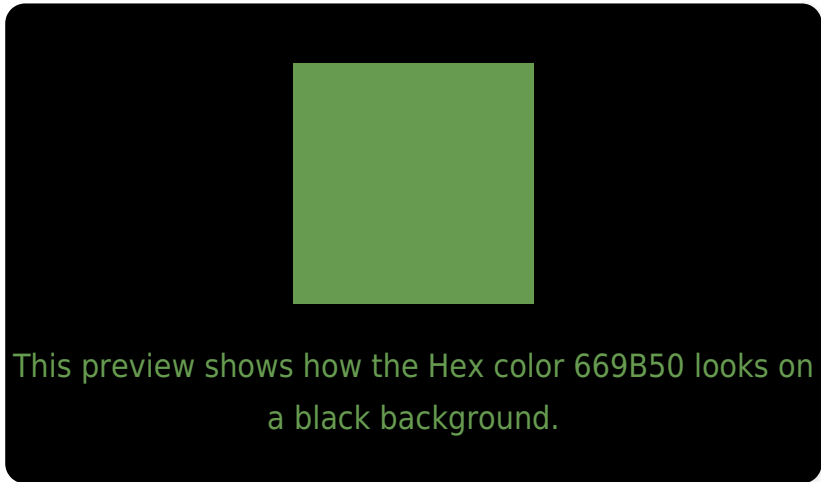
Large Text (above 18pt) WCAG AA ✓ Pass

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

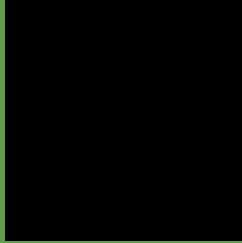
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 669B50 Background



This preview shows how black text looks on a background with the Hex color 669B50.

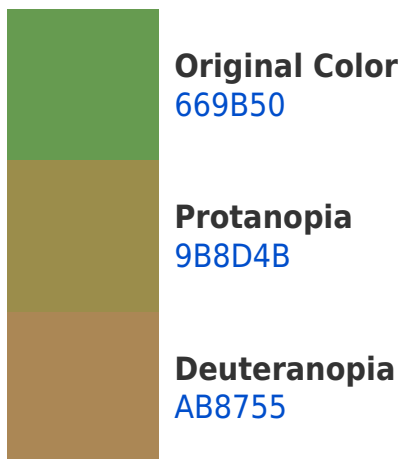


This preview shows how white text looks on a background with the Hex color 669B50.

# 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](#).

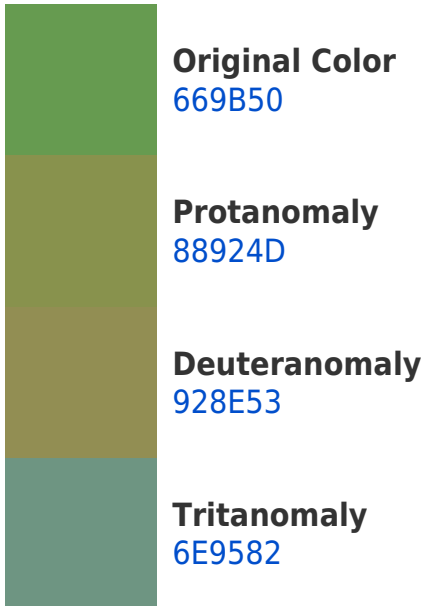
## Dichromacy



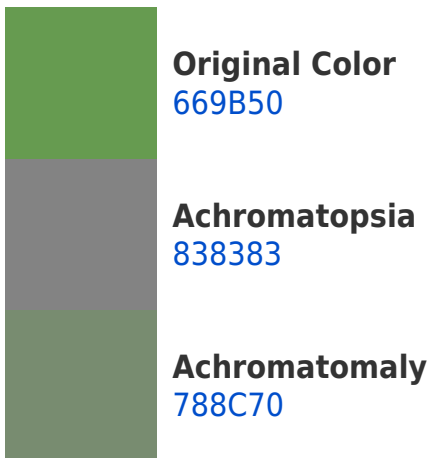


**Tritanopia**  
73929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 669B50 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 #669B50 looks like.

```
.text, #text, p{  
    color:#669B50  
}
```

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 #669B50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #669B50
}
```

## Border

The CSS property to change the border of an element to Hex 669B50 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
#669B50 }
```

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

```
.border{ border-color:#669B50 }
```

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

Here you see how a box with a 4 pixel #669B50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #669B50; -webkit-box-shadow:4px 4px  
4px 4px #669B50; box-shadow:4px 4px 4px  
4px #669B50 }
```

# Background

The CSS property to change the background color of an element to Hex 669B50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#669B50 }
```

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

```
.background{ background-color:#669B50 }
```

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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