

# Converting Colors

Hex(669821)

Have a look what the booklet for  
Hex(669821) contains.

<b>Hex(669821)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(669821)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	669821
RGB	102, 152, 33
RGB Percent	40%, 60%, 13%
CMY	0.6000, 0.4039, 0.8706
CMYK	0.33, 0.00, 0.78, 0.40
HSL	85°, 64%, 36%
HSV	85°, 78%, 60%
XYZ	16.9822, 25.3911, 5.4448
YIQ	123.4840, 8.3990, -47.6090

# Conversions

## Conversions Part 2

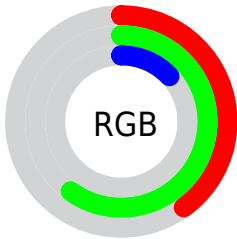
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 152, 83
Decimal	6723617
CIELab	57.45, -35.00, 52.96
CIELCh	57, 63.482, 123.458
Yxy	25.3911, 0.3551, 0.5310
Android (android.graphics.Color)	4284913697 (0xFF669821)
YUV	123.4840, -44.6086, -18.8415
Hunter-Lab	50.3895, -28.0238, 28.8662

# Details

The Hex color **669821** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **532198**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9DCF58**, and **306500** is the 20% darker color. If you saturate the color by 10%, you get **609812**, and if you desaturate by 10%, it is **6C9830**.

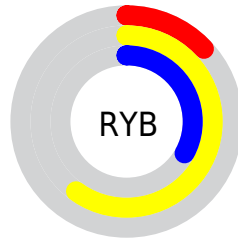
# Distribution



Red (40%)

Green (60%)

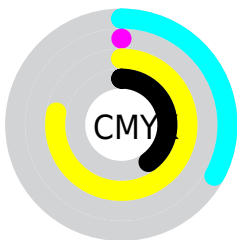
Blue (13%)



Red (13%)

Yellow (60%)

Blue (33%)

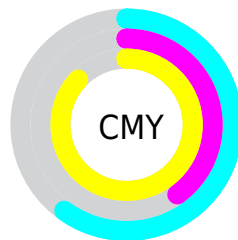


Cyan (33%)

Magenta (0%)

Yellow (78%)

Black (40%)



Cyan (60%)

Magenta (40%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 669821 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 669821 by changing the saturation by 10% instead.





669821



669821

FFFFFF



4B7E00



9DCF58



306500



B9EB72



124C00



D6FF8D



003500



F3FFA9



002100



FFFFC5



000000



FFFFE1

FFFFFFE



669821



669821

■ 609812

■ 6C9830

■ 599803

■ 73983F

■ 589800

■ 79984F

■ 80985E

■ 86986D

■ 8C987C

■ 93988B

■ 99989B

■ 9F98AA

# Harmonies

## Analogous

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



9F8A00



669821



00A056

# Triad

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



669821



009CED



EC5186

# Complementary

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



669821



532198

# 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.



D15FBD



669821



008FF9

# Square

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



669821



00A3C6



9278E7



E75D50

# Rectangle

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



669821



00A37C



9278E7



E75399



# Sweetspot

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



669821



B1C497



985321



586348



E3E3E3



636363



# Same Dimension

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



669821



77C40C



2B9821



494D45



518C00



070D00



# Inverse Universe

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



532198



590CC4



8E2198



48454D



3B008C



05000D



# Previews

## White Background



This preview shows how the Hex color 669821 looks on a white background.

## Color Contrast Check

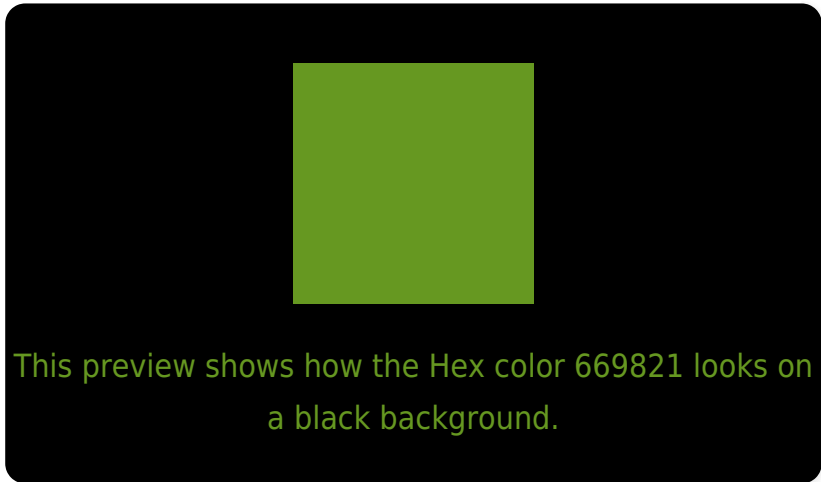
Large Text (above 18pt) WCAG AA ✓ Pass

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 669821 Background



This preview shows how black text looks on a background with the Hex color 669821.



This preview shows how white text looks on a background with the Hex color 669821.

# 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



**Original Color**  
669821

**Protanopia**  
9B8A1D

**Deuteranopia**  
AC822B



**Tritanopia**  
758E99

# Trichromacy



**Original Color**  
669821

**Protanomaly**  
888F1E

**Deuteranomaly**  
938A27

**Tritanomaly**  
70926D

# Monochromacy



**Original Color**  
669821

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
73865A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 669821 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 #669821 looks like.

```
.text, #text, p{  
    color:#669821  
}
```

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 #669821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #669821
}
```

## Border

The CSS property to change the border of an element to Hex 669821 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
#669821 }
```

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

```
.border{ border-color:#669821 }
```

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

Here you see how a box with a 4 pixel #669821 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #669821; -webkit-box-shadow:4px 4px  
4px 4px #669821; box-shadow:4px 4px 4px  
4px #669821 }
```

# Background

The CSS property to change the background color of an element to Hex 669821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#669821 }
```

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

```
.background{ background-color:#669821 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor