

# Converting Colors

Hex(68A131)

Have a look what the booklet for  
Hex(68A131) contains.

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**Color**

**Hex(68A131)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	68A131
RGB	104, 161, 49
RGB Percent	41%, 63%, 19%
CMY	0.5922, 0.3686, 0.8078
CMYK	0.35, 0.00, 0.70, 0.37
HSL	91°, 53%, 41%
HSV	91°, 70%, 63%
XYZ	19.0082, 28.6545, 7.4348
YIQ	131.1890, 1.9800, -46.9160

# Conversions

## Conversions Part 2

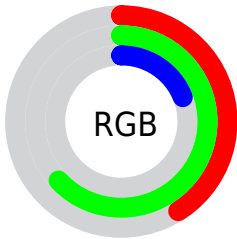
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 161, 106
Decimal	6857009
CIE <sub>Lab</sub>	60.48, -37.24, 50.11
CIE <sub>LCh</sub>	60, 62.432, 126.620
Y <sub>xy</sub>	28.6545, 0.3450, 0.5201
Android (android.graphics.Color)	4285047089 (0xFF68A131)
Y <sub>UV</sub>	131.1890, -40.5192, -23.8448
Hunter-Lab	53.5299, -30.2931, 29.2362

# Details

The Hex color **68A131** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6A31A1**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **9FD866**, and **326D00** is the 20% darker color. If you saturate the color by 10%, you get **60A121**, and if you desaturate by 10%, it is **70A141**.

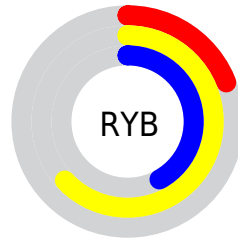
# Distribution



Red (41%)

Green (63%)

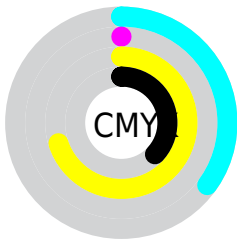
Blue (19%)



Red (19%)

Yellow (63%)

Blue (42%)

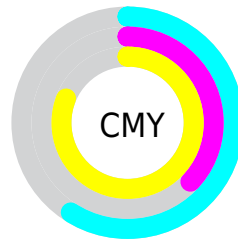


Cyan (35%)

Magenta (0%)

Yellow (70%)

Black (37%)



Cyan (59%)

Magenta (37%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68A131 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 68A131 by changing the saturation by 10% instead.





68A131



68A131

FFFFFF



4D8714



9FD866



326D00



BBF580



145400



D8FF9B



003C00



F5FFB7



002700



FFFFD3



000300



FFFFF0



000000



68A131



68A131



60A121



70A141

■ 58A111

■ 78A151

■ 4FA101

■ 81A161

■ 4FA100

■ 89A171

■ 91A182

■ 99A192

■ A1A1A2

■ AAA1B2

■ B2A1C2

# Harmonies

## Analogous

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



A2930F



68A131



00A964

# Triad

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



68A131



00A3F7



F45C88

# Complementary

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



68A131



6A31A1

# 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.



DD66BF



68A131



1394FF

# Square

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



68A131



00AAD2



A37EEB



EE6853

# Rectangle

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



68A131



00AB8A



A37EEB



F05C9A



# Sweetspot

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



68A131



BBD1A5



A16931



5B694E



E8E8E8



696969



# Same Dimension

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



68A131



79D124



31A131



4D5249



479100



091200



# Inverse Universe

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



6A31A1



7C24D1



A131A1



4E4952



4A0091



090012



# Previews

## White Background



This preview shows how the Hex color 68A131 looks on a white background.

## Color Contrast Check

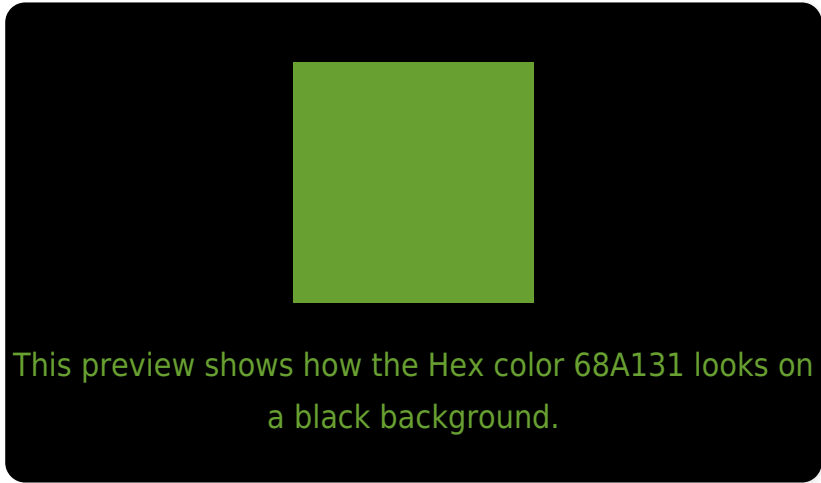
Large Text (above 18pt) WCAG AA ✓ Pass

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 68A131 Background



This preview shows how black text looks on a background with the Hex color 68A131.



This preview shows how white text looks on a background with the Hex color 68A131.

# 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](#).

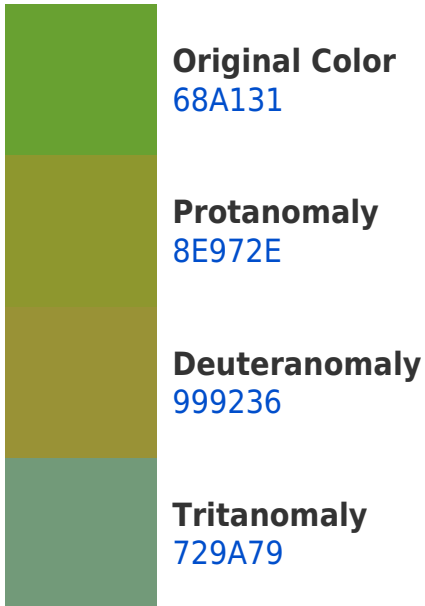
## Dichromacy



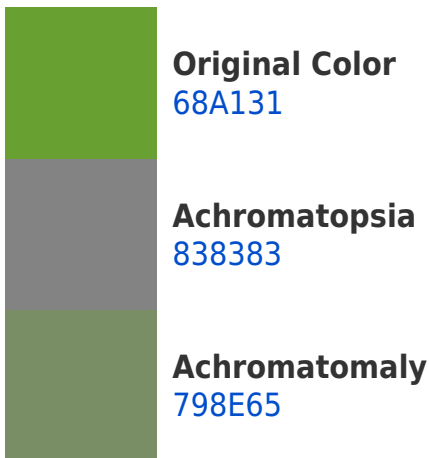


**Tritanopia**  
7896A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68A131 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 #68A131 looks like.

```
.text, #text, p{  
    color:#68A131  
}
```

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 #68A131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68A131
}
```

## Border

The CSS property to change the border of an element to Hex 68A131 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
#68A131 }
```

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

```
.border{ border-color:#68A131 }
```

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

Here you see how a box with a 4 pixel #68A131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68A131; -webkit-box-shadow:4px 4px  
4px 4px #68A131; box-shadow:4px 4px 4px  
4px #68A131 }
```

# Background

The CSS property to change the background color of an element to Hex 68A131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68A131 }
```

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

```
.background{ background-color:#68A131 }
```

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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