

Converting Colors

Hex(668931)

Have a look what the booklet for
Hex(668931) contains.

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Color

Hex(668931)

Conversions

Conversions Part 1

Format	Color
Hex	668931
RGB	102, 137, 49
RGB Percent	40%, 54%, 19%
CMY	0.6000, 0.4627, 0.8078
CMYK	0.26, 0.00, 0.64, 0.46
HSL	84°, 47%, 36%
HSV	84°, 64%, 54%
XYZ	14.9795, 20.9379, 6.1576
YIQ	116.5030, 7.3880, -34.7880

Conversions

Conversions Part 2

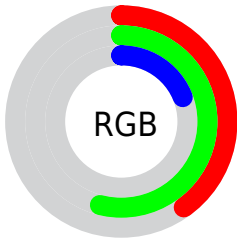
Format	Color
RYB	49, 137, 84
Decimal	6719793
CIELab	52.88, -26.82, 41.99
CIELCh	53, 49.829, 122.570
Yxy	20.9379, 0.3560, 0.4976
Android (android.graphics.Color)	4284909873 (0xFF668931)
YUV	116.5030, -33.2790, -12.7191
Hunter-Lab	45.7579, -21.6417, 24.0519

Details

The Hex color **668931** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **543189**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9BBF63**, and **335700** is the 20% darker color. If you saturate the color by 10%, you get **618923**, and if you desaturate by 10%, it is **6B893F**.

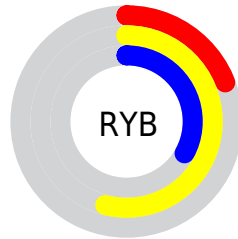
Distribution



Red (40%)

Green (54%)

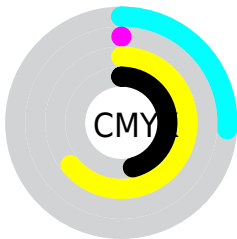
Blue (19%)



Red (19%)

Yellow (54%)

Blue (33%)

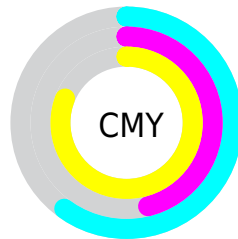


Cyan (26%)

Magenta (0%)

Yellow (64%)

Black (46%)



Cyan (60%)

Magenta (46%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 668931 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 668931 by changing the saturation by 10% instead.

 668931

 668931

FFFFFF

 4C6F17

 9BBF63

 335700

 B7DA7D

 1B3F00

 D3F798

 002900

 F0FFB3

 001200

 FFFFCF

 000000

 FFFFEC

 668931

 668931

 618923

 6B893F

■ 5B8916

■ 71894C

■ 568908

■ 76895A

■ 538900

■ 7C8968

■ 818976

■ 878983

■ 8C8991

■ 92899F

■ 9789AC

Harmonies

Analogous

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



927D21



668931



229055

Triad

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



668931



008DCA



CB577C

Complementary

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



668931



543189

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.



B560A6



668931



1E82D4

Square

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



668931



0092AB



8471C7



C95D53

Rectangle

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



668931



009272



8471C7



C7588B

Sweetspot

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



668931



A5B391



895331



515945



D9D9D9



595959

Same Dimension

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



668931



7CB329



3B8931



42453E



508500



030500

Inverse Universe

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



543189



6029B3



7F3189



413E45



350085



020005

Previews

White Background



This preview shows how the Hex color 668931 looks on a white background.

Color Contrast Check

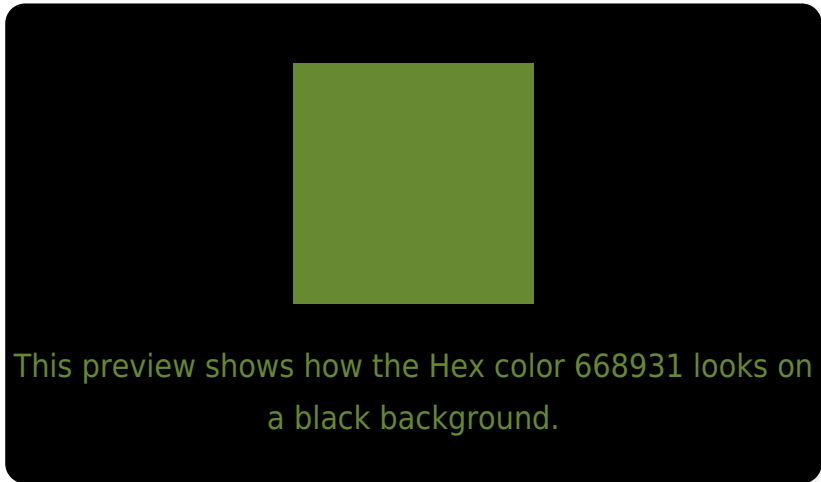
Large Text (above 18pt) WCAG AA ✓ Pass

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

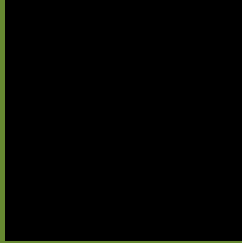
Any Text WCAG AA ✓ Pass

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 668931 Background



This preview shows how black text looks on a background with the Hex color 668931.



This preview shows how white text looks on a background with the Hex color 668931.

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
668931

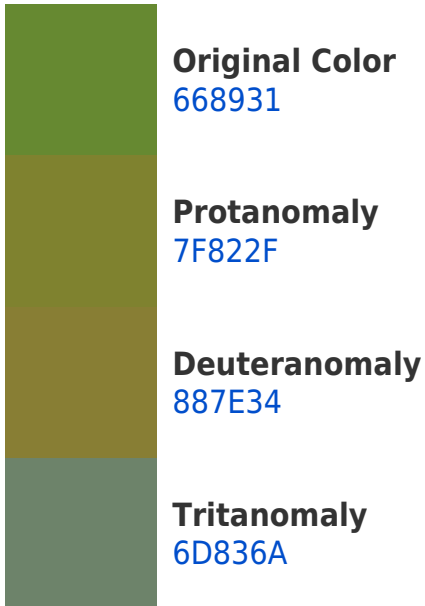
Protanopia
8D7E2E

Deuteranopia
9C7836



Tritanopia
71808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 668931 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 #668931 looks like.

```
.text, #text, p{  
    color:#668931  
}
```

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 #668931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668931
}
```

Border

The CSS property to change the border of an element to Hex 668931 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
#668931 }
```

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

```
.border{ border-color:#668931 }
```

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

Here you see how a box with a 4 pixel #668931 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668931; -webkit-box-shadow:4px 4px  
4px 4px #668931; box-shadow:4px 4px 4px  
4px #668931 }
```

Background

The CSS property to change the background color of an element to Hex 668931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668931 }
```

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

```
.background{ background-color:#668931 }
```

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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