

# Converting Colors

Hex(698D31)

Have a look what the booklet for  
Hex(698D31) contains.

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**Color**

**Hex(698D31)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	698D31
RGB	105, 141, 49
RGB Percent	41%, 55%, 19%
CMY	0.5882, 0.4471, 0.8078
CMYK	0.26, 0.00, 0.65, 0.45
HSL	83°, 48%, 37%
HSV	83°, 65%, 55%
XYZ	15.9050, 22.2748, 6.3669
YIQ	119.7480, 8.0760, -36.2440

# Conversions

## Conversions Part 2

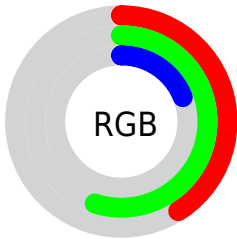
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 141, 85
Decimal	6917425
CIELab	54.32, -27.56, 43.61
CIELCh	54, 51.589, 122.295
Yxy	22.2748, 0.3570, 0.5000
Android (android.graphics.Color)	4285107505 (0xFF698D31)
YUV	119.7480, -34.8788, -12.9340
Hunter-Lab	47.1961, -22.4393, 25.0389

# Details

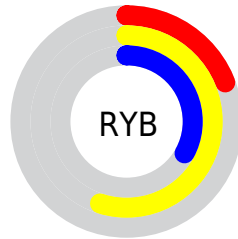
The Hex color **698D31** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **55318D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9FC364**, and **365B00** is the 20% darker color. If you saturate the color by 10%, you get **638D23**, and if you desaturate by 10%, it is **6F8D3F**.

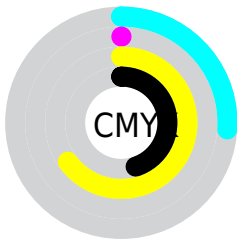
# Distribution



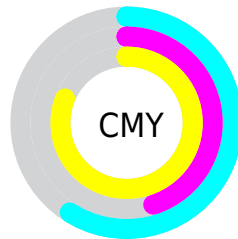
- Red (41%)
- Green (55%)
- Blue (19%)



- Red (19%)
- Yellow (55%)
- Blue (33%)



- Cyan (26%)
- Magenta (0%)
- Yellow (65%)
- Black (45%)



- Cyan (59%)
- Magenta (45%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 698D31 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 698D31 by changing the saturation by 10% instead.





698D31



698D31

FFFFFF



4F7317



9FC364



365B00



BADF7E



1D4300



D7FB98



002C00



F4FFB4



001800



FFFFD0



000000



FFFEC



698D31



698D31



638D23



6F8D3F

■ 5E8D15

■ 748D4D

■ 588D07

■ 7A8D5B

■ 568D00

■ 7F8D69

■ 858D78

■ 8A8D86

■ 908D94

■ 958DA2

■ 9B8DB0

# Harmonies

## Analogous

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



968120



698D31



219456

# Triad

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



698D31



0091D0



D25980

# Complementary

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



698D31



55318D

# 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.



BB62AC



698D31



1586DB

# Square

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



698D31



0097B0



8875CE



D05F55

# Rectangle

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



698D31



009775



8875CE



CD5A8F



# Sweetspot

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



698D31



A9B893



8D5431



535C46



DBDBDB



5C5C5C



# Same Dimension

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



698D31



80B828



3C8D31



454740



528700



050800



# Inverse Universe

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



55318D



6028B8



82318D



434047



350087



030008



# Previews

## White Background



This preview shows how the Hex color 698D31 looks on a white background.

## Color Contrast Check

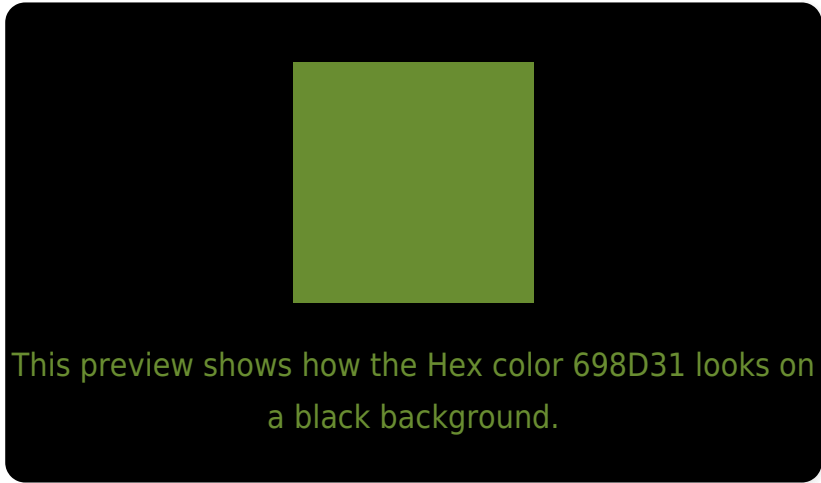
Large Text (above 18pt) WCAG AA ✓ Pass

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 698D31 Background



This preview shows how black text looks on a background with the Hex color 698D31.



This preview shows how white text looks on a background with the Hex color 698D31.

# 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**  
698D31

**Protanopia**  
91822E

**Deuteranopia**  
A17B37



**Tritanopia**  
75848E

# Trichromacy



**Original Color**  
698D31

**Protanomaly**  
82862F

**Deuteranomaly**  
8D8235

**Tritanomaly**  
71876C

# Monochromacy



**Original Color**  
698D31

**Achromatopsia**  
787878

**Achromatomaly**  
73805E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 698D31 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 #698D31 looks like.

```
.text, #text, p{  
    color:#698D31  
}
```

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 #698D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #698D31
}
```

## Border

The CSS property to change the border of an element to Hex 698D31 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
#698D31 }
```

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

```
.border{ border-color:#698D31 }
```

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

Here you see how a box with a 4 pixel #698D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #698D31; -webkit-box-shadow:4px 4px  
4px 4px #698D31; box-shadow:4px 4px 4px  
4px #698D31 }
```

# Background

The CSS property to change the background color of an element to Hex 698D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#698D31 }
```

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

```
.background{ background-color:#698D31 }
```

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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