

# Converting Colors

Hex(698E3D)

Have a look what the booklet for  
Hex(698E3D) contains.

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**Color**

**Hex(698E3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	698E3D
RGB	105, 142, 61
RGB Percent	41%, 56%, 24%
CMY	0.5882, 0.4431, 0.7608
CMYK	0.26, 0.00, 0.57, 0.44
HSL	87°, 40%, 40%
HSV	87°, 57%, 56%
XYZ	16.3410, 22.6862, 7.9325
YIQ	121.7030, 3.9490, -33.0350

# Conversions

## Conversions Part 2

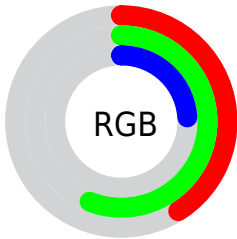
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 142, 98
Decimal	6917693
CIELab	54.75, -26.92, 38.45
CIELCh	55, 46.936, 125.000
Yxy	22.6862, 0.3480, 0.4831
Android (android.graphics.Color)	4285107773 (0xFF698E3D)
YUV	121.7030, -29.9266, -14.6485
Hunter-Lab	47.6300, -22.1124, 23.4666

# Details

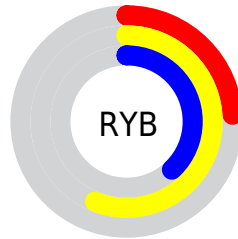
The Hex color **698E3D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **623D8E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9EC46F**, and **365B0A** is the 20% darker color. If you saturate the color by 10%, you get **638E2F**, and if you desaturate by 10%, it is **6F8E4B**.

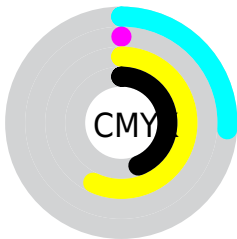
# Distribution



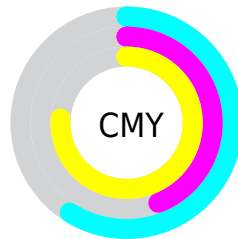
- Red (41%)
- Green (56%)
- Blue (24%)



- Red (24%)
- Yellow (56%)
- Blue (38%)



- Cyan (26%)
- Magenta (0%)
- Yellow (57%)
- Black (44%)



- Cyan (59%)
- Magenta (44%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 698E3D 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 698E3D by changing the saturation by 10% instead.



 698E3D

 698E3D

FFFFFF

 4F7425

 9EC46F

 365B0A

 BAE089

 1E4400

 D6FDA4

 012D00

 F3FFC0

 001900

 FFFFDC

 000000

 FFFFF9

 698E3D

 698E3D

 638E2F

 6F8E4B

■ 5C8E21

■ 768E59

■ 568E12

■ 7C8E68

■ 4F8E04

■ 838E76

■ 4D8E00

■ 898E84

■ 908E92

■ 968EA0

■ 9D8EAF

■ A38EBD

# Harmonies

## Analogous

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



93832D



698E3D



2B955F

# Triad

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



698E3D



0090CC



CD5F7E

# Complementary

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



698E3D



623D8E

# 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.



BA66A6



698E3D



4185D4

# Square

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



698E3D



0096B0



8E76C6



CA6657

# Rectangle

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



698E3D



00977B



8E76C6



C9608C



# Sweetspot

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



698E3D



A9B898



8E613D



535C49



DBDBDB



5C5C5C



# Same Dimension

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



698E3D



7FB83B



418E3D



444740



498700



040800



# Inverse Universe

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



623D8E



743BB8



8A3D8E



444047



3E0087



030008



# Previews

## White Background



This preview shows how the Hex color 698E3D looks on a white background.

## Color Contrast Check

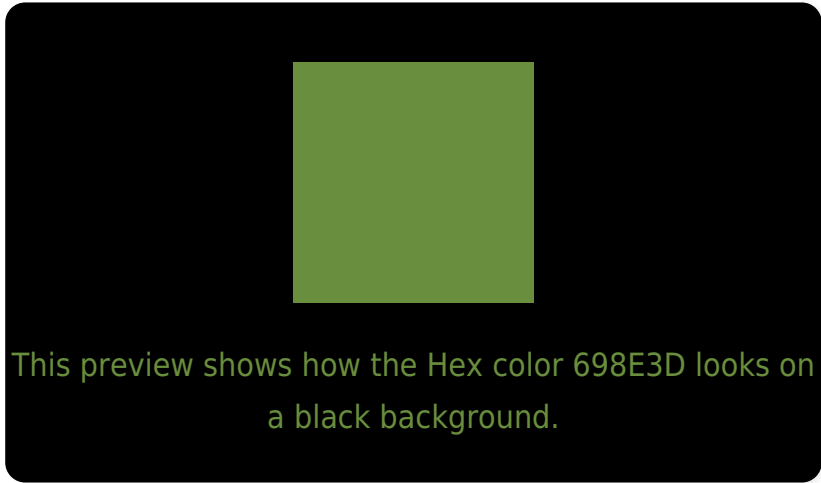
Large Text (above 18pt) WCAG AA ✓ Pass

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 698E3D Background



This preview shows how black text looks on a background with the Hex color 698E3D.



This preview shows how white text looks on a background with the Hex color 698E3D.

# 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**  
698E3D

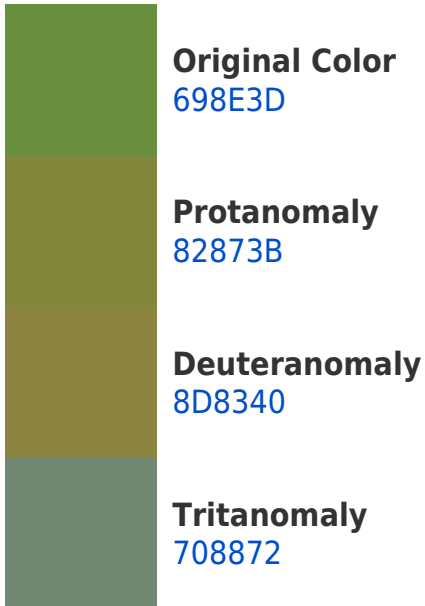
**Protanopia**  
91833A

**Deuteranopia**  
A17C42

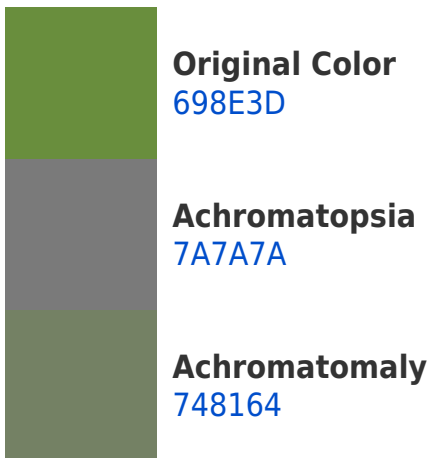


**Tritanopia**  
748590

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 698E3D 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 #698E3D looks like.

```
.text, #text, p{  
    color:#698E3D  
}
```

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 #698E3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #698E3D
}
```

## Border

The CSS property to change the border of an element to Hex 698E3D 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
#698E3D }
```

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

```
.border{ border-color:#698E3D }
```

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

Here you see how a box with a 4 pixel #698E3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #698E3D; -webkit-box-shadow:4px 4px  
4px 4px #698E3D; box-shadow:4px 4px 4px  
4px #698E3D }
```

# Background

The CSS property to change the background color of an element to Hex 698E3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#698E3D }
```

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

```
.background{ background-color:#698E3D }
```

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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