

# Converting Colors

Hex(698022)

Have a look what the booklet for  
Hex(698022) contains.

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**Color**

**Hex(698022)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	698022
RGB	105, 128, 34
RGB Percent	41%, 50%, 13%
CMY	0.5882, 0.4980, 0.8667
CMYK	0.18, 0.00, 0.73, 0.50
HSL	75°, 58%, 32%
HSV	75°, 73%, 50%
XYZ	13.8336, 18.5571, 4.3661
YIQ	110.4070, 16.4660, -34.1100

# Conversions

## Conversions Part 2

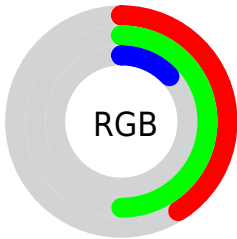
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 128, 57
Decimal	6914082
CIELab	50.16, -22.19, 45.62
CIElCh	50, 50.730, 115.933
Yxy	18.5571, 0.3764, 0.5049
Android (android.graphics.Color)	4285104162 (0xFF698022)
YUV	110.4070, -37.6687, -4.7419
Hunter-Lab	43.0779, -18.0648, 24.1453

# Details

The Hex color **698022** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **392280**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9FB555**, and **364F00** is the 20% darker color. If you saturate the color by 10%, you get **668015**, and if you desaturate by 10%, it is **6C802F**.

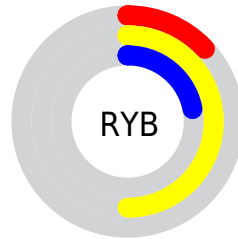
# Distribution



Red (41%)

Green (50%)

Blue (13%)



Red (13%)

Yellow (50%)

Blue (22%)

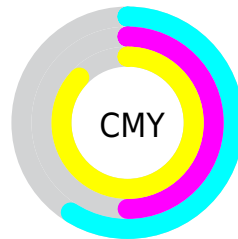


Cyan (18%)

Magenta (0%)

Yellow (73%)

Black (50%)



Cyan (59%)

Magenta (50%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 698022 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 698022 by changing the saturation by 10% instead.





698022



698022

FFFFFF



4F6702



9FB555



364F00



BBD06F



1D3800



D7ED89



002300



F4FFA5



000100



FFFFC0



000000



FFFFDD



FFFFFA



698022



698022

■ 668015

■ 6C802F

■ 638008

■ 6F803C

■ 618000

■ 728048

■ 768055

■ 798062

■ 7C806F

■ 7F807C

■ 828088

■ 858095

# Harmonies

## Analogous

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



937318



698022



2D8845

# Triad

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



698022



0088BE



C24F7F

# Complementary

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



698022



392280

# 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.



A65CA8



698022



007ECE

# Square

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



698022



008C9C



6D6EC5



C45354

# Rectangle

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



698022



008B61



6D6EC5



BB528E



# Sweetspot

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



698022



9DA681



803822



4F543E



D4D4D4



545454



# Same Dimension

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



698022



82A614



3B8022



3E4039



608000



000000



# Inverse Universe

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



392280



3814A6



672280



3B3940



1F0080



000000



# Previews

## White Background



This preview shows how the Hex color 698022 looks on a white background.

## Color Contrast Check

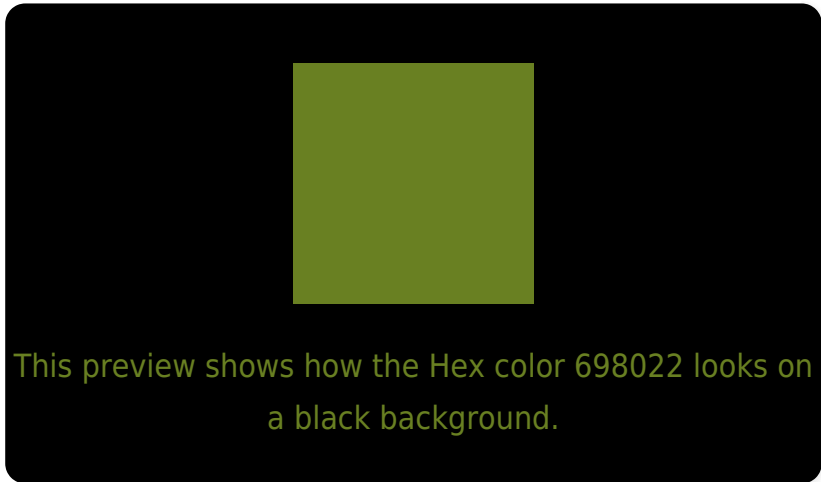
Large Text (above 18pt) WCAG AA ✓ Pass

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 698022 Background



This preview shows how black text looks on a background with the Hex color 698022.



This preview shows how white text looks on a background with the Hex color 698022.

# 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**  
737781

# Trichromacy



**Original Color**  
698022

**Protanomaly**  
7B7A21

**Deuteranomaly**  
857626

**Tritanomaly**  
6F7A5E

# Monochromacy



**Original Color**  
698022

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
6C7552

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 698022 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 #698022 looks like.

```
.text, #text, p{  
    color:#698022  
}
```

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 #698022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #698022
}
```

## Border

The CSS property to change the border of an element to Hex 698022 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
#698022 }
```

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

```
.border{ border-color:#698022 }
```

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

Here you see how a box with a 4 pixel #698022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #698022; -webkit-box-shadow:4px 4px  
4px 4px #698022; box-shadow:4px 4px 4px  
4px #698022 }
```

# Background

The CSS property to change the background color of an element to Hex 698022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#698022 }
```

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

```
.background{ background-color:#698022 }
```

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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