

# Converting Colors

Hex(697C17)

Have a look what the booklet for  
Hex(697C17) contains.

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**Color**

**Hex(697C17)**

# Conversions

## Conversions Part 1

Format	Color
Hex	697C17
RGB	105, 124, 23
RGB Percent	41%, 49%, 9%
CMY	0.5882, 0.5137, 0.9098
CMYK	0.15, 0.00, 0.81, 0.51
HSL	71°, 69%, 29%
HSV	71°, 81%, 49%
XYZ	13.1880, 17.4804, 3.4896
YIQ	106.8050, 21.0970, -35.4390

# Conversions

## Conversions Part 2

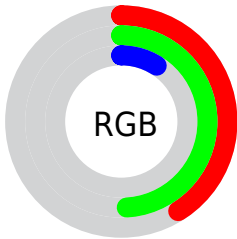
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 124, 42
Decimal	6913047
CIE Lab	48.86, -20.72, 48.30
CIE LCh	49, 52.554, 113.216
Yxy	17.4804, 0.3861, 0.5118
Android (android.graphics.Color)	4285103127 (0xFF697C17)
YUV	106.8050, -41.3159, -1.5830
Hunter-Lab	41.8096, -16.8625, 24.3181

# Details

The Hex color **697C17** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2A177C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **9FB14C**, and **364B00** is the 20% darker color. If you saturate the color by 10%, you get **677C0B**, and if you desaturate by 10%, it is **6B7C23**.

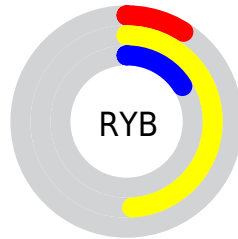
# Distribution



Red (41%)

Green (49%)

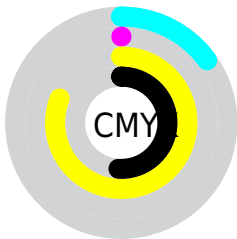
Blue (9%)



Red (9%)

Yellow (49%)

Blue (16%)

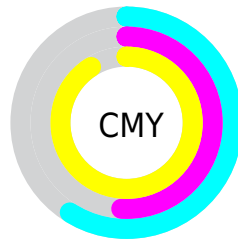


Cyan (15%)

Magenta (0%)

Yellow (81%)

Black (51%)



Cyan (59%)

Magenta (51%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 697C17 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 697C17 by changing the saturation by 10% instead.





697C17



697C17

FFFFFF



4F6300



9FB14C



364B00



BBCC66



1C3400



D8E881



002000



F5FF9C



000000



FFFFB7



FFFFD3



FFFFF0



697C17



697C17

■ 677C0B

■ 6B7C23

■ 657C00

■ 6E7C30

■ 707C3C

■ 727C49

■ 757C55

■ 777C61

■ 797C6E

■ 7C7C7A

■ 7E7C87

# Harmonies

## Analogous

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



936E0F



697C17



2D843C

# Triad

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



697C17



0085BB



BF4A80

# Complementary

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



697C17



2A177C

# 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.



A059AA



697C17



007CCD

# Square

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



697C17



008996



616DC6



C34C54

# Rectangle

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



697C17



008759



616DC6



B84D8F



# Sweetspot

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



697C17



99A17A



7C2A17



4D523A



D1D1D1



525252



# Same Dimension

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



697C17



83A103



377C17



3C3D37



657D00



CDFC00



# Inverse Universe

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



2A177C



2103A1



5C177C



38373D



18007D



2F00FC



# Previews

## White Background



This preview shows how the Hex color 697C17 looks on a white background.

## Color Contrast Check

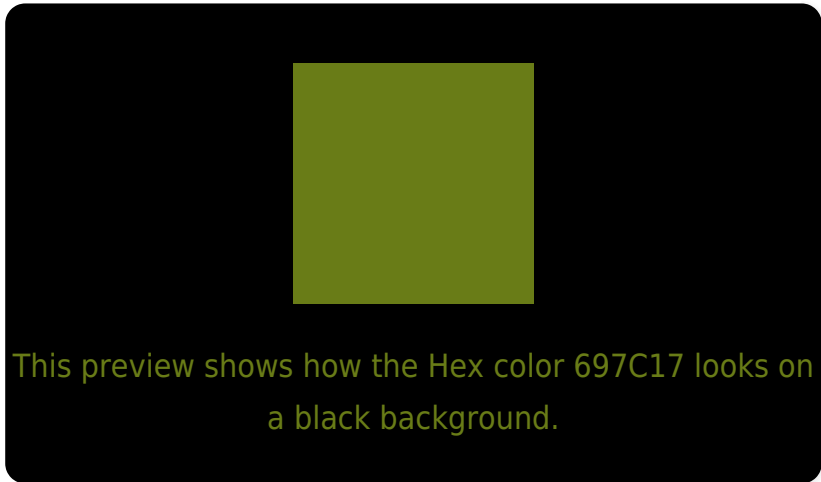
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

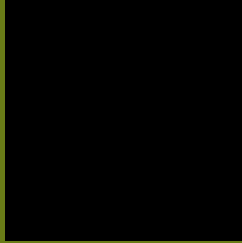
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 697C17 Background



This preview shows how black text looks on a background with the Hex color 697C17.



This preview shows how white text looks on a background with the Hex color 697C17.

# 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**  
697C17

**Protanopia**  
837415

**Deuteranopia**  
926E1F



**Tritanopia**  
73737D

# Trichromacy



**Original Color**  
697C17

**Protanomaly**  
7A7716

**Deuteranomaly**  
83731C

**Tritanomaly**  
6F7658

# Monochromacy



**Original Color**  
697C17

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6A714C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 697C17 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 #697C17 looks like.

```
.text, #text, p{  
    color:#697C17  
}
```

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 #697C17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #697C17  
}
```

## Border

The CSS property to change the border of an element to Hex 697C17 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  
#697C17 }
```

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

```
.border{ border-color:#697C17 }
```

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

Here you see how a box with a 4 pixel #697C17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #697C17; -webkit-box-shadow:4px 4px  
4px 4px #697C17; box-shadow:4px 4px 4px  
4px #697C17 }
```

# Background

The CSS property to change the background color of an element to Hex 697C17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#697C17 }
```

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

```
.background{ background-color:#697C17 }
```

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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