

# Converting Colors

Hex(697B0D)

Have a look what the booklet for  
Hex(697B0D) contains.

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**Color**

**Hex(697B0D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	697B0D
RGB	105, 123, 13
RGB Percent	41%, 48%, 5%
CMY	0.5882, 0.5176, 0.9490
CMYK	0.15, 0.00, 0.89, 0.52
HSL	70°, 81%, 27%
HSV	70°, 89%, 48%
XYZ	12.9813, 17.1982, 3.0162
YIQ	105.0780, 24.5820, -38.0260

# Conversions

## Conversions Part 2

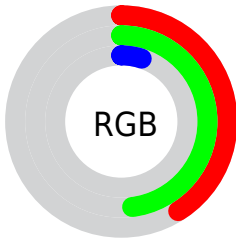
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 123, 31
Decimal	6912781
CIELab	48.51, -20.56, 50.71
CIELCh	49, 54.718, 112.074
Yxy	17.1982, 0.3911, 0.5181
Android (android.graphics.Color)	4285102861 (0xFF697B0D)
YUV	105.0780, -45.3945, -0.0684
Hunter-Lab	41.4708, -16.6992, 24.7174

# Details

The Hex color **697B0D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1F0D7B**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **9FAF46**, and **364A00** is the 20% darker color. If you saturate the color by 10%, you get **677B01**, and if you desaturate by 10%, it is **6B7B19**.

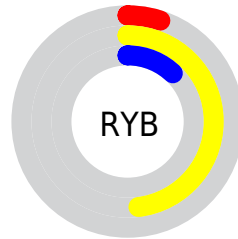
# Distribution



Red (41%)

Green (48%)

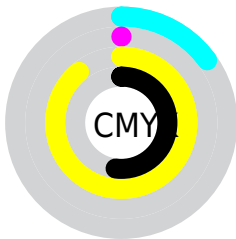
Blue (5%)



Red (5%)

Yellow (48%)

Blue (12%)

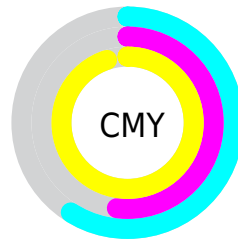


Cyan (15%)

Magenta (0%)

Yellow (89%)

Black (52%)



Cyan (59%)

Magenta (52%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 697B0D 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 697B0D by changing the saturation by 10% instead.



 697B0D

 697B0D

FFFFFF

 4F6200

 9FAF46

 364A00

 BBCB60

 1C3400

 D8E77B

 001F00

 F5FF96

 000000

 FFFFB1

 FFFFCD

 FFFFEA

 697B0D

 697B0D

■ 677B01

■ 6B7B19

■ 677B00

■ 6D7B26

■ 6F7B32

■ 717B3E

■ 737B4B

■ 757B57

■ 777B63

■ 797B6F

■ 7B7B7C

# Harmonies

## Analogous

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



946D05



697B0D



2A8437

# Triad

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



697B0D



0085BC



C04682

# Complementary

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



697B0D



1F0D7B

# 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.



9F57AD



697B0D



007CCF

# Square

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



697B0D



008995



5B6CC9



C54853

# Rectangle

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



697B0D



008755



5B6CC9



B84B91



# Sweetspot

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



697B0D



9AA175



7B1E0D



4D5237



D1D1D1



525252



# Same Dimension

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



697B0D



86A100



347B0D



3C3D37



697D00



D3FC00



# Inverse Universe

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



1F0D7B



1A00A1



550D7B



38373D



14007D



2900FC



# Previews

## White Background



This preview shows how the Hex color 697B0D looks on a white background.

## Color Contrast Check

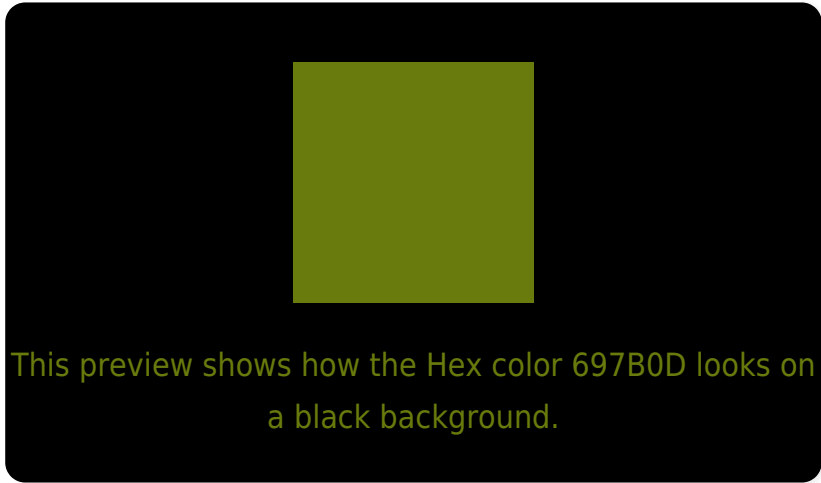
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 697B0D Background



This preview shows how black text looks on a background with the Hex color 697B0D.



This preview shows how white text looks on a background with the Hex color 697B0D.

# 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**  
697B0D

**Protanopia**  
82730A

**Deuteranopia**  
916D18



**Tritanopia**  
73727B

# Trichromacy



**Original Color**  
697B0D

**Protanomaly**  
79760B

**Deuteranomaly**  
827214

**Tritanomaly**  
6F7553

# Monochromacy



**Original Color**  
697B0D

**Achromatopsia**  
696969

**Achromatomaly**  
697048

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 697B0D 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 #697B0D looks like.

```
.text, #text, p{  
    color:#697B0D  
}
```

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 #697B0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #697B0D
}
```

## Border

The CSS property to change the border of an element to Hex 697B0D 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
#697B0D }
```

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

```
.border{ border-color:#697B0D }
```

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

Here you see how a box with a 4 pixel #697B0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #697B0D; -webkit-box-shadow:4px 4px  
4px 4px #697B0D; box-shadow:4px 4px 4px  
4px #697B0D }
```

# Background

The CSS property to change the background color of an element to Hex 697B0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#697B0D }
```

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

```
.background{ background-color:#697B0D }
```

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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