

# Converting Colors

Hex(696D1D)

Have a look what the booklet for  
Hex(696D1D) contains.

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# Color

**Hex(696D1D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	696D1D
RGB	105, 109, 29
RGB Percent	41%, 43%, 11%
CMY	0.5882, 0.5725, 0.8863
CMYK	0.04, 0.00, 0.73, 0.57
HSL	63°, 58%, 27%
HSV	63°, 73%, 43%
XYZ	11.5161, 14.0292, 3.2633
YIQ	98.6840, 23.2960, -25.7280

# Conversions

## Conversions Part 2

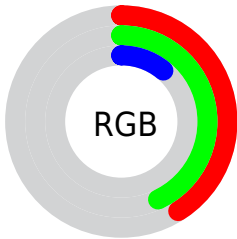
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 109, 33
Decimal	6909213
CIE Lab	44.27, -12.39, 41.80
CIE LCh	44, 43.595, 106.512
Yxy	14.0292, 0.3997, 0.4870
Android (android.graphics.Color)	4285099293 (0xFF696D1D)
YUV	98.6840, -34.3542, 5.5391
Hunter-Lab	37.4556, -10.6657, 21.0533

# Details

The Hex color **696D1D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **211D6D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9FA04F**, and **383E00** is the 20% darker color. If you saturate the color by 10%, you get **686D12**, and if you desaturate by 10%, it is **6A6D28**.

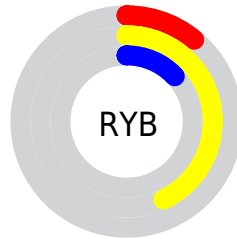
# Distribution



Red (41%)

Green (43%)

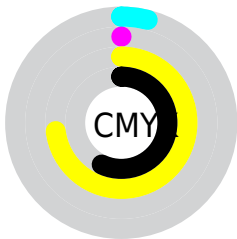
Blue (11%)



Red (11%)

Yellow (43%)

Blue (13%)

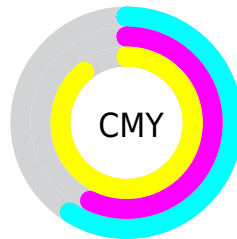


Cyan (4%)

Magenta (0%)

Yellow (73%)

Black (57%)



Cyan (59%)

Magenta (57%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 696D1D 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 696D1D by changing the saturation by 10% instead.



 696D1D

 696D1D

FFFFFF

 4F5500

 9FA04F

 383E00

 BABB68

 1E2800

 D7D782

 001500

 F4F39D

 000000

 FFFFB8

 FFFFD4

 FFFFF1

 696D1D

 696D1D

■ 686D12

■ 6A6D28

■ 686D07

■ 6A6D33

■ 686D00

■ 6B6D3E

■ 6B6D49

■ 6C6D53

■ 6C6D5E

■ 6D6D69

■ 6D6D74

■ 6E6D7F

# Harmonies

## Analogous

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



8A611E



696D1D



3F7534

# Triad

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



696D1D



00789D



A24A7B

# Complementary

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



696D1D



211D6D

# 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.



84579B



696D1D



0071AF

# Square

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



696D1D



007A7C



4B66AE



AB4856

# Rectangle

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



696D1D



07784A



4B66AE



9B4D86



# Sweetspot

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



696D1D



8D8F6F



6D211D



464735



C7C7C7



474747



# Same Dimension

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



696D1D



898F11



416D1D



353630



6F7500



E9F500



# Inverse Universe

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



211D6D



17118F



491D6D



303036



060075



0C00F5



# Previews

## White Background



This preview shows how the Hex color 696D1D looks on a white background.

## Color Contrast Check

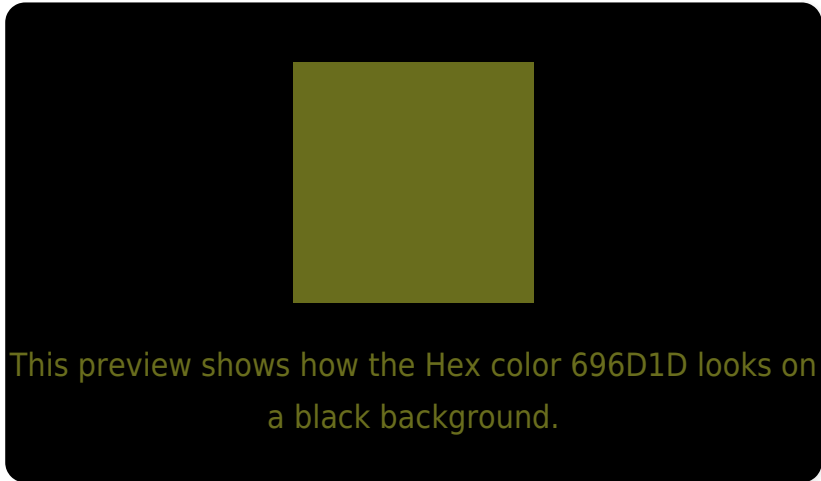
Large Text (above 18pt) WCAG AA ✓ Pass

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

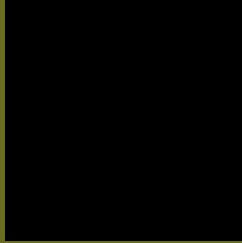
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 696D1D Background



This preview shows how black text looks on a background with the Hex color 696D1D.



This preview shows how white text looks on a background with the Hex color 696D1D.

# 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](#).

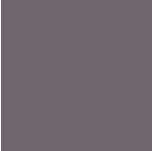
## Dichromacy



**Original Color**  
696D1D

**Protanopia**  
76691C

**Deuteranopia**  
836321



**Tritanopia**  
70666E

# Trichromacy



**Original Color**  
696D1D

**Protanomaly**  
716A1C

**Deuteranomaly**  
7A6720

**Tritanomaly**  
6D6951

# Monochromacy



**Original Color**  
696D1D

**Achromatopsia**  
636363

**Achromatomaly**  
65674A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 696D1D 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 #696D1D looks like.

```
.text, #text, p{  
    color:#696D1D  
}
```

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 #696D1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #696D1D
}
```

## Border

The CSS property to change the border of an element to Hex 696D1D 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
#696D1D }
```

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

```
.border{ border-color:#696D1D }
```

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

Here you see how a box with a 4 pixel #696D1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #696D1D; -webkit-box-shadow:4px 4px  
4px 4px #696D1D; box-shadow:4px 4px 4px  
4px #696D1D }
```

# Background

The CSS property to change the background color of an element to Hex 696D1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#696D1D }
```

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

```
.background{ background-color:#696D1D }
```

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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