

# Converting Colors

Hex(696B2B)

Have a look what the booklet for  
Hex(696B2B) contains.

<b>Hex(696B2B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(696B2B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	696B2B
RGB	105, 107, 43
RGB Percent	41%, 42%, 17%
CMY	0.5882, 0.5804, 0.8314
CMYK	0.02, 0.00, 0.60, 0.58
HSL	62°, 43%, 29%
HSV	62°, 60%, 42%
XYZ	11.5194, 13.6931, 4.3214
YIQ	99.1060, 19.3520, -20.3280

# Conversions

## Conversions Part 2

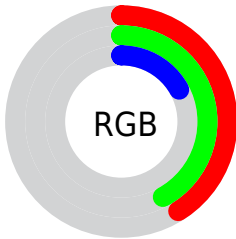
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 107, 45
Decimal	6908715
CIELab	43.79, -10.27, 34.86
CIELCh	44, 36.347, 106.420
Yxy	13.6931, 0.3900, 0.4636
Android (android.graphics.Color)	4285098795 (0xFF696B2B)
YUV	99.1060, -27.6603, 5.1690
Hunter-Lab	37.0041, -9.1900, 18.9789

# Details

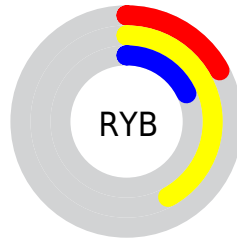
The Hex color **696B2B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D2B6B**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9E9E5B**, and **383C00** is the 20% darker color. If you saturate the color by 10%, you get **696B20**, and if you desaturate by 10%, it is **696B36**.

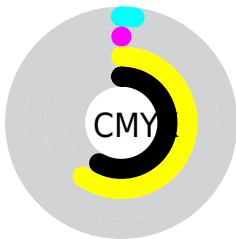
# Distribution



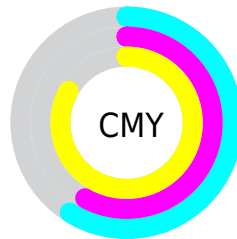
- Red (41%)
- Green (42%)
- Blue (17%)



- Red (17%)
- Yellow (42%)
- Blue (18%)



- Cyan (2%)
- Magenta (0%)
- Yellow (60%)
- Black (58%)



- Cyan (59%)
- Magenta (58%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 696B2B 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 696B2B by changing the saturation by 10% instead.





696B2B



696B2B

FFFFFF



505313



9E9E5B



383C00



B9B975



202600



D6D58F



001300



F2F1A9



000000



FFFFC5



FFFFE1

FFFFFFE



696B2B



696B2B

■ 696B20

■ 696B36

■ 686B16

■ 6A6B40

■ 686B0B

■ 6A6B4B

■ 686B00

■ 6A6B56

■ 6B6B61

■ 6B6B6B

■ 6B6B76

■ 6C6B81

■ 6C6B8B

# Harmonies

## Analogous

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



85612C



696B2B



47723C

# Triad

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



696B2B



007592



985076

# Complementary

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



696B2B



2D2B6B

# 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.



7F5991



696B2B



006FA2

# Square

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



696B2B



007778



5365A1



A04E58

# Rectangle

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



696B2B



28754E



5365A1



925280



# Sweetspot

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



696B2B



8B8C73



6B2C2B



474738



C7C7C7



474747



# Same Dimension

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



696B2B



898C27



4A6B2B



353630



727500



EDF500



# Inverse Universe

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



2D2B6B



2A278C



4C2B6B



303036



040075



0800F5



# Previews

## White Background



This preview shows how the Hex color 696B2B looks on a white background.

## Color Contrast Check

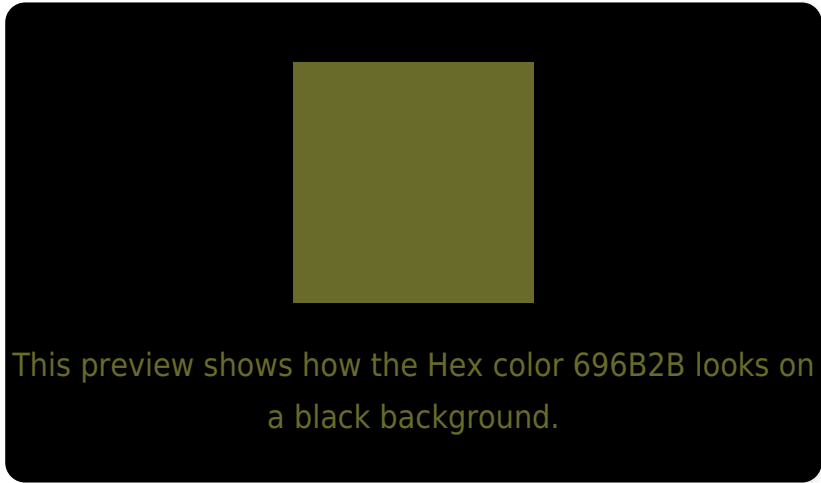
Large Text (above 18pt) WCAG AA ✓ Pass

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

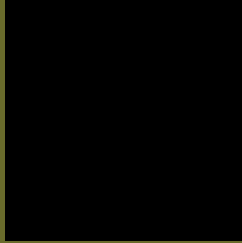
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 696B2B Background



This preview shows how black text looks on a background with the Hex color 696B2B.



This preview shows how white text looks on a background with the Hex color 696B2B.

# 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](#).

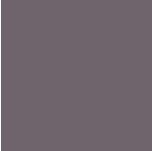
## Dichromacy



**Original Color**  
696B2B

**Protanopia**  
73682A

**Deuteranopia**  
80622E



**Tritanopia**  
6F646C

# Trichromacy



**Original Color**  
696B2B

**Protanomaly**  
6F692A

**Deuteranomaly**  
78652D

**Tritanomaly**  
6D6754

# Monochromacy



**Original Color**  
696B2B

**Achromatopsia**  
636363

**Achromatomaly**  
65664F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 696B2B 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 #696B2B looks like.

```
.text, #text, p{  
    color:#696B2B  
}
```

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 #696B2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #696B2B
}
```

## Border

The CSS property to change the border of an element to Hex 696B2B 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
#696B2B }
```

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

```
.border{ border-color:#696B2B }
```

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

Here you see how a box with a 4 pixel #696B2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #696B2B; -webkit-box-shadow:4px 4px  
4px 4px #696B2B; box-shadow:4px 4px 4px  
4px #696B2B }
```

# Background

The CSS property to change the background color of an element to Hex 696B2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#696B2B }
```

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

```
.background{ background-color:#696B2B }
```

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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