

# Converting Colors

Hex(696C44)

Have a look what the booklet for  
Hex(696C44) contains.

<b>Hex(696C44)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(696C44)

# Conversions

## Conversions Part 1

Format	Color
Hex	696C44
RGB	105, 108, 68
RGB Percent	41%, 42%, 27%
CMY	0.5882, 0.5765, 0.7333
CMYK	0.03, 0.00, 0.37, 0.58
HSL	65°, 23%, 35%
HSV	65°, 37%, 42%
XYZ	12.2316, 14.1457, 7.5546
YIQ	102.5430, 11.0520, -13.0760

# Conversions

## Conversions Part 2

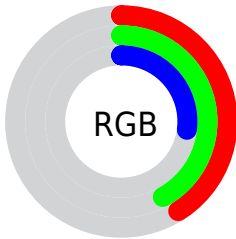
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 108, 71
Decimal	6908996
CIELab	44.44, -8.09, 22.03
CIELCh	44, 23.464, 110.158
Yxy	14.1457, 0.3605, 0.4169
Android (android.graphics.Color)	4285099076 (0xFF696C44)
YUV	102.5430, -17.0297, 2.1548
Hunter-Lab	37.6108, -7.7678, 14.4185

# Details

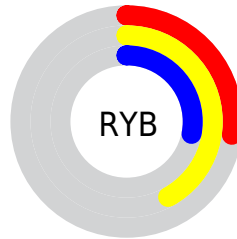
The Hex color **696C44** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **47446C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9D9F75**, and **393D18** is the 20% darker color. If you saturate the color by 10%, you get **686C39**, and if you desaturate by 10%, it is **6A6C4F**.

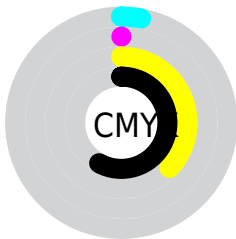
# Distribution



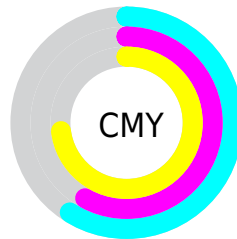
- Red (41%)
- Green (42%)
- Blue (27%)



- Red (27%)
- Yellow (42%)
- Blue (28%)



- Cyan (3%)
- Magenta (0%)
- Yellow (37%)
- Black (58%)



- Cyan (59%)
- Magenta (58%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 696C44 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 696C44 by changing the saturation by 10% instead.





696C44



696C44

FFFFFF



50542D



9D9F75



393D18



B8BA8E



232700



D4D6A9



041300



F0F2C4



000000



FFFFE0

FFFFFFD



696C44



696C44



686C39



6A6C4F

676C2E

6B6C5A

676C24

6B6C64

666C19

6C6C6F

656C0E

6D6C7A

646C03

6E6C85

646C00

6F6C90

6F6C9A

706CA5

# Harmonies

## Analogous

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



7C6643



696C44



537150

# Triad

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



696C44



2A7186



8B5B70

# Complementary

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



696C44



47446C

# 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.



7C6082



696C44



446D8F

# Square

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



696C44



277476



63668E



905B5D

# Rectangle

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



696C44



43735B



63668E



875C77



# Sweetspot

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



696C44



8B8C7D



6C4744



47473E



C7C7C7



474747



# Same Dimension

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



696C44



888C4F



556C44



353630



6D7500



E2F500



# Inverse Universe

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



47446C



534F8C



5B446C



313036



090075



1200F5



# Previews

## White Background



This preview shows how the Hex color 696C44 looks on a white background.

## Color Contrast Check

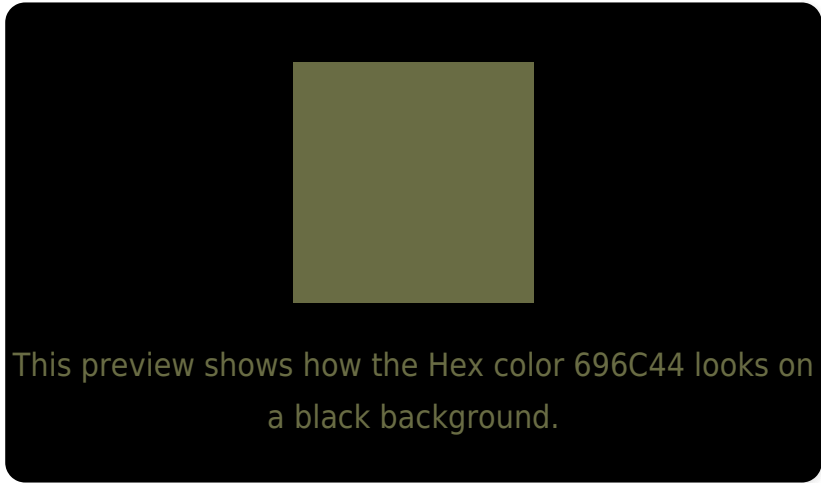
Large Text (above 18pt) WCAG AA ✓ Pass

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

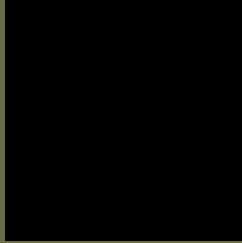
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 696C44 Background



This preview shows how black text looks on a background with the Hex color 696C44.



This preview shows how white text looks on a background with the Hex color 696C44.

# 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**  
696C44

**Protanopia**  
726943

**Deuteranopia**  
7E6446



**Tritanopia**  
6E676F

# Trichromacy



**Original Color**

696C44

**Protanomaly**

6F6A43

**Deuteranomaly**

766745

**Tritanomaly**

6C695F

# Monochromacy



**Original Color**

696C44

**Achromatopsia**

676767

**Achromatomaly**

68695A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 696C44 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 #696C44 looks like.

```
.text, #text, p{  
    color:#696C44  
}
```

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 #696C44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #696C44
}
```

## Border

The CSS property to change the border of an element to Hex 696C44 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
#696C44 }
```

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

```
.border{ border-color:#696C44 }
```

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

Here you see how a box with a 4 pixel #696C44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #696C44; -webkit-box-shadow:4px 4px  
4px 4px #696C44; box-shadow:4px 4px 4px  
4px #696C44 }
```

# Background

The CSS property to change the background color of an element to Hex 696C44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#696C44 }
```

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

```
.background{ background-color:#696C44 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor