

# Converting Colors

Hex(696A4E)

Have a look what the booklet for  
Hex(696A4E) contains.

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**Color**

**Hex(696A4E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	696A4E
RGB	105, 106, 78
RGB Percent	41%, 42%, 31%
CMY	0.5882, 0.5843, 0.6941
CMYK	0.01, 0.00, 0.26, 0.58
HSL	62°, 15%, 36%
HSV	62°, 26%, 42%
XYZ	12.3549, 13.8614, 9.2321
YIQ	102.5090, 8.3920, -8.9200

# Conversions

## Conversions Part 2

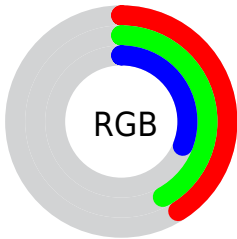
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 106, 79
Decimal	6908494
CIE <sub>Lab</sub>	44.03, -5.48, 15.64
CIE <sub>LCh</sub>	44, 16.576, 109.319
Yxy	13.8614, 0.3485, 0.3910
Android (android.graphics.Color)	4285098574 (0xFF696A4E)
YUV	102.5090, -12.0829, 2.1846
Hunter-Lab	37.2309, -5.9197, 11.3596

# Details

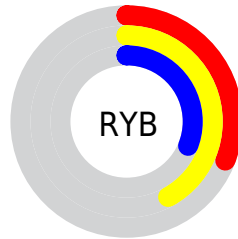
The Hex color **696A4E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4F4E6A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9D9D7F**, and **393B21** is the 20% darker color. If you saturate the color by 10%, you get **696A43**, and if you desaturate by 10%, it is **696A59**.

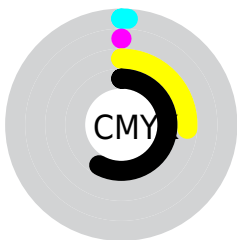
# Distribution



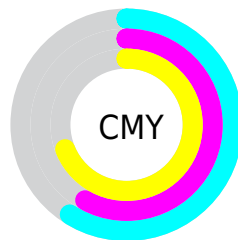
- Red (41%)
- Green (42%)
- Blue (31%)



- Red (31%)
- Yellow (42%)
- Blue (31%)



- Cyan (1%)
- Magenta (0%)
- Yellow (26%)
- Black (58%)



- Cyan (59%)
- Magenta (58%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 696A4E 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 696A4E by changing the saturation by 10% instead.





696A4E



696A4E

FFFFFF



515237



9D9D7F



393B21



B8B899



24250C



D3D4B4



081100



F0F0D0



000000



FFFEC



696A4E



696A4E



696A43



696A59



686A39



6A6A63

686A2E

6A6A6E

676A24

6B6A78

676A19

6B6A83

676A0E

6B6A8E

666A04

6C6A98

666A00

6C6AA3

6C6AAD

# Harmonies

## Analogous

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



77664D



696A4E



596E56

# Triad

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



696A4E



436E7C



805F6E

# Complementary

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



696A4E



4F4E6A

# 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.



75627A



696A4E



516B83

# Square

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



696A4E



417071



646682



845E60

# Rectangle

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



696A4E



4F6F5E



646682



7D5F72



# Sweetspot

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



696A4E



898A7F



6A4F4E



45453E



C4C4C4



454545



# Same Dimension

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



696A4E



888A5E



5B6A4E



353630



717500



ECF500



# Inverse Universe

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



4F4E6A



5F5E8A



5D4E6A



303036



040075



0900F5



# Previews

## White Background



This preview shows how the Hex color 696A4E looks on a white background.

## Color Contrast Check

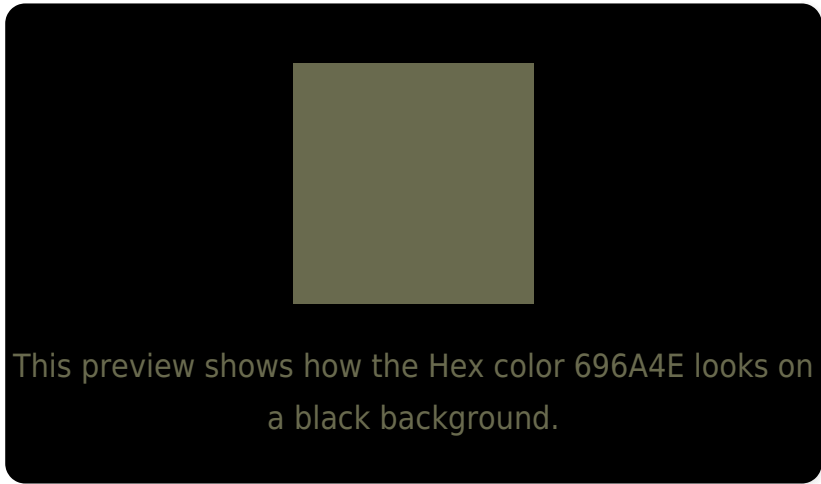
Large Text (above 18pt) WCAG AA ✓ Pass

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

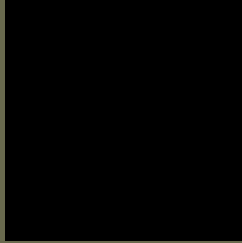
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 696A4E Background



This preview shows how black text looks on a background with the Hex color 696A4E.



This preview shows how white text looks on a background with the Hex color 696A4E.

# 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**  
696A4E

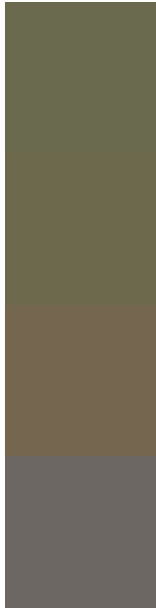
**Protanopia**  
70684D

**Deuteranopia**  
7A644F



**Tritanopia**  
6D666E

# Trichromacy



**Original Color**  
696A4E

**Protanomaly**  
6D694D

**Deuteranomaly**  
74664F

**Tritanomaly**  
6C6762

# Monochromacy



**Original Color**  
696A4E

**Achromatopsia**  
676767

**Achromatomaly**  
68685E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 696A4E 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 #696A4E looks like.

```
.text, #text, p{  
    color:#696A4E  
}
```

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 #696A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #696A4E
}
```

## Border

The CSS property to change the border of an element to Hex 696A4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

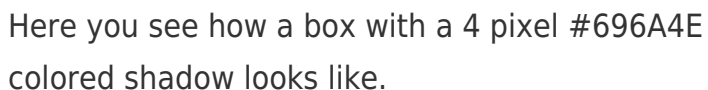
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#696A4E }
```

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

```
.border{ border-color:#696A4E }
```

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



Here you see how a box with a 4 pixel #696A4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #696A4E; -webkit-box-shadow:4px 4px  
4px 4px #696A4E; box-shadow:4px 4px 4px  
4px #696A4E }
```

# Background

The CSS property to change the background color of an element to Hex 696A4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#696A4E }
```

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

```
.background{ background-color:#696A4E }
```

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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