

# Converting Colors

Hex(676A4D)

Have a look what the booklet for  
Hex(676A4D) contains.

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# Color

**Hex(676A4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	676A4D
RGB	103, 106, 77
RGB Percent	40%, 42%, 30%
CMY	0.5961, 0.5843, 0.6980
CMYK	0.03, 0.00, 0.27, 0.58
HSL	66°, 16%, 36%
HSV	66°, 27%, 42%
XYZ	12.0871, 13.7275, 9.0338
YIQ	101.7970, 7.5210, -9.6550

# Conversions

## Conversions Part 2

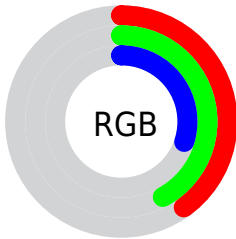
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 106, 80
Decimal	6777421
CIELab	43.84, -6.49, 15.94
CIELCh	44, 17.212, 112.154
Yxy	13.7275, 0.3468, 0.3939
Android (android.graphics.Color)	4284967501 (0xFF676A4D)
YUV	101.7970, -12.2249, 1.0550
Hunter-Lab	37.0506, -6.6060, 11.4791

# Details

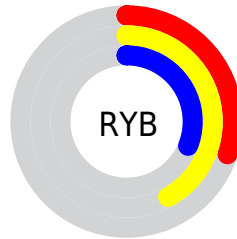
The Hex color **676A4D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **504D6A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9A9D7E**, and **383B20** is the 20% darker color. If you saturate the color by 10%, you get **666A42**, and if you desaturate by 10%, it is **686A58**.

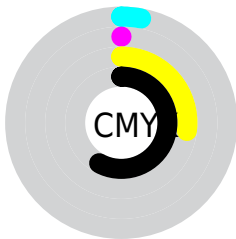
# Distribution



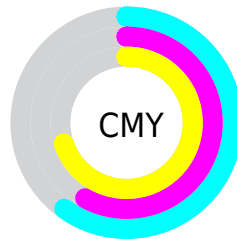
- Red (40%)
- Green (42%)
- Blue (30%)



- Red (30%)
- Yellow (42%)
- Blue (31%)



- Cyan (3%)
- Magenta (0%)
- Yellow (27%)
- Black (58%)



- Cyan (60%)
- Magenta (58%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 676A4D 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 676A4D by changing the saturation by 10% instead.





676A4D



676A4D

FFFFFF



4F5236



9A9D7E



383B20



B5B898



22250A



D1D4B3



051100



EDF0CE



000000



FFFFEB



676A4D



676A4D



666A42



686A58



656A38



696A62

■ 646A2D

■ 6A6A6D

■ 636A23

■ 6B6A77

■ 626A18

■ 6C6A82

■ 606A0D

■ 6E6A8D

■ 5F6A03

■ 6F6A97

■ 5F6A00

■ 706AA2

■ 716AAC

# Harmonies

## Analogous

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



76654C



676A4D



576E56

# Triad

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



676A4D



426E7E



825E6C

# Complementary

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



676A4D



504D6A

# 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.



766179



676A4D



516A84

# Square

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



676A4D



3E7072



656582



855E5E

# Rectangle

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



676A4D



4C6F5E



656582



7F5E71



# Sweetspot

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



676A4D



898A7F



6A504D



44453E



C4C4C4



454545



# Same Dimension

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



676A4D



858A5C



596A4D



353630



697500



DBF500



# Inverse Universe

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



504D6A



615C8A



5E4D6A



313036



0C0075



1900F5



# Previews

## White Background



This preview shows how the Hex color 676A4D looks on a white background.

## Color Contrast Check

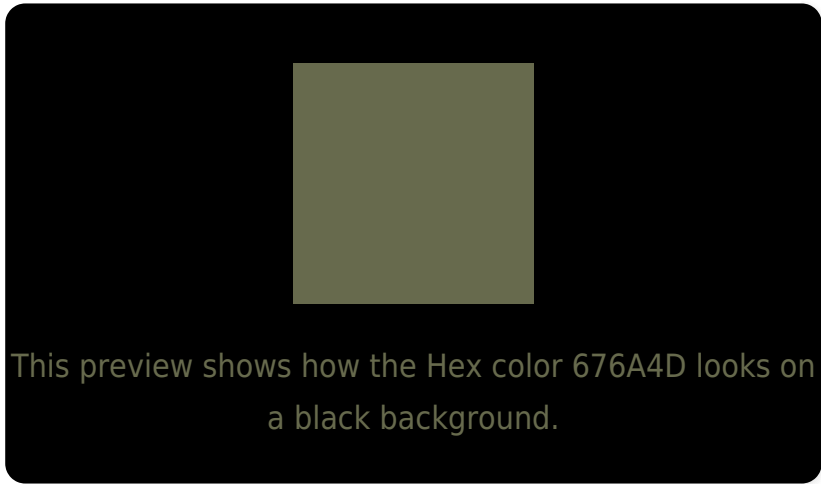
Large Text (above 18pt) WCAG AA ✓ Pass

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

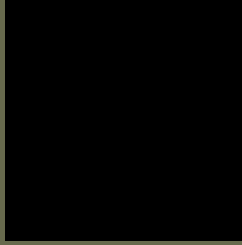
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 676A4D Background



This preview shows how black text looks on a background with the Hex color 676A4D.



This preview shows how white text looks on a background with the Hex color 676A4D.

# 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**  
676A4D

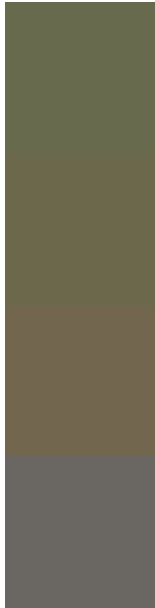
**Protanopia**  
6F674C

**Deuteranopia**  
7A634E



**Tritanopia**  
6B666E

# Trichromacy



**Original Color**  
676A4D

**Protanomaly**  
6C684C

**Deuteranomaly**  
73664E

**Tritanomaly**  
6A6762

# Monochromacy



**Original Color**  
676A4D

**Achromatopsia**  
666666

**Achromatomaly**  
66675D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 676A4D 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 #676A4D looks like.

```
.text, #text, p{  
    color:#676A4D  
}
```

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 #676A4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676A4D
}
```

## Border

The CSS property to change the border of an element to Hex 676A4D 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".

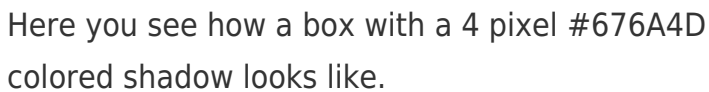
```
.border, #border, table{ border:4px solid
#676A4D }
```

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

```
.border{ border-color:#676A4D }
```

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

Here you see how a box with a 4 pixel #676A4D colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and right sides. Below the box, there is a thick dark green horizontal bar that serves as a shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676A4D; -webkit-box-shadow:4px 4px  
4px 4px #676A4D; box-shadow:4px 4px 4px  
4px #676A4D }
```

# Background

The CSS property to change the background color of an element to Hex 676A4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676A4D }
```

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

```
.background{ background-color:#676A4D }
```

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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