

# Converting Colors

Hex(676A62)

Have a look what the booklet for  
Hex(676A62) contains.

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# Color

Hex(676A62)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	676A62
RGB	103, 106, 98
RGB Percent	40%, 42%, 38%
CMY	0.5961, 0.5843, 0.6157
CMYK	0.03, 0.00, 0.08, 0.58
HSL	83°, 4%, 40%
HSV	83°, 8%, 42%
XYZ	12.9522, 14.0735, 13.5891
YIQ	104.1910, 0.7800, -3.1240

# Conversions

## Conversions Part 2

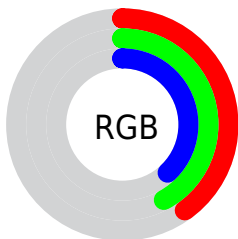
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 106, 101
Decimal	6777442
CIE <sub>Lab</sub>	44.34, -2.78, 4.08
CIE <sub>LCh</sub>	44, 4.939, 124.239
Yxy	14.0735, 0.3189, 0.3465
Android (android.graphics.Color)	4284967522 (0xFF676A62)
YUV	104.1910, -3.0522, -1.0445
Hunter-Lab	37.5146, -4.0224, 4.7834

# Details

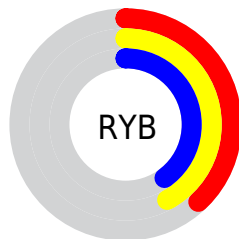
The Hex color **676A62** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **65626A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9A9D95**, and **383B34** is the 20% darker color. If you saturate the color by 10%, you get **636A57**, and if you desaturate by 10%, it is **6B6A6D**.

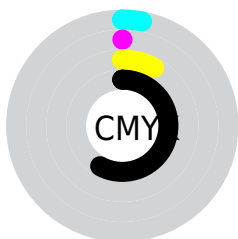
# Distribution



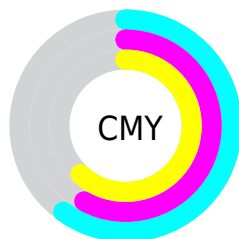
- Red (40%)
- Green (42%)
- Blue (38%)



- Red (38%)
- Yellow (42%)
- Blue (40%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (58%)



- Cyan (60%)
- Magenta (58%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 676A62 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 676A62 by changing the saturation by 10% instead.





676A62



676A62

FFFFFF



4F524A



9A9D95



383B34



B5B8AF



23251F



D0D4CB



0D1006



EDF0E7



000000



676A62



676A62



636A57



6B6A6D



5F6A4D



6F6A77



5B6A42



736A82

■ 576A38

■ 776A8C

■ 536A2D

■ 7B6A97

■ 4F6A22

■ 7F6AA2

■ 4B6A18

■ 836AAC

■ 476A0D

■ 876AB7

■ 436A03

■ 8B6AC1

# Harmonies

## Analogous

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



6C6961



676A62



636B65

# Triad

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



676A62



616A70



716668

# Complementary

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



676A62



65626A

# 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.



6F676C



676A62



656971

# Square

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



676A62



5F6B6D



6A6870



726664

# Rectangle

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



676A62



606B68



6A6870



71666A



# Sweetspot

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



676A62



898A87



6A6562



444543



C4C4C4



454545



# Same Dimension

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



676A62



858A7D



636A62



343630



497500



99F500



# Inverse Universe

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



65626A



827D8A



69626A



323036



2C0075



5C00F5



# Previews

## White Background



This preview shows how the Hex color 676A62 looks on a white background.

## Color Contrast Check

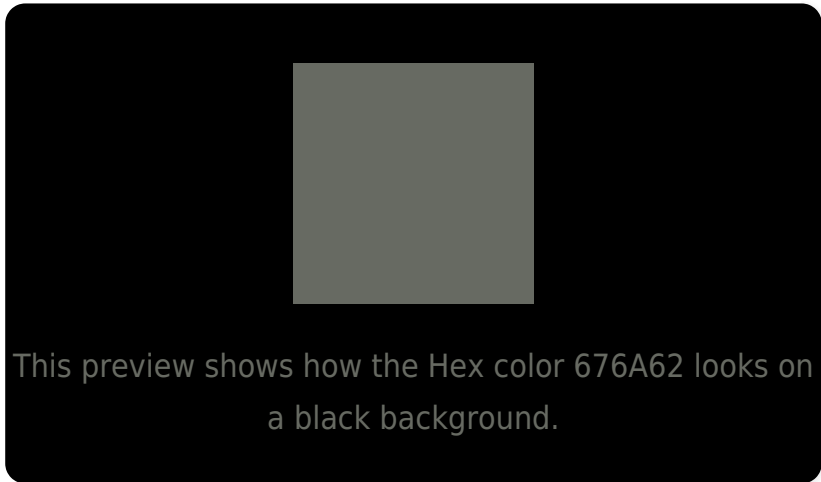
Large Text (above 18pt) WCAG AA ✓ Pass

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

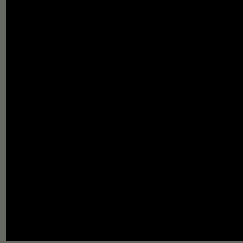
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 676A62 Background



This preview shows how black text looks on a background with the Hex color 676A62.



This preview shows how white text looks on a background with the Hex color 676A62.

# 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**  
676A62

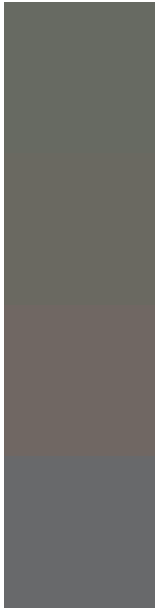
**Protanopia**  
6C6861

**Deuteranopia**  
756563



**Tritanopia**  
696870

# Trichromacy



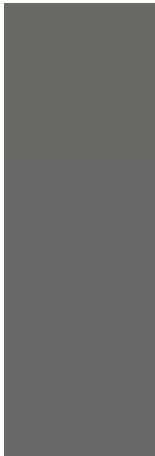
**Original Color**  
676A62

**Protanomaly**  
6A6961

**Deuteranomaly**  
706763

**Tritanomaly**  
68696B

# Monochromacy



**Original Color**  
676A62

**Achromatopsia**  
686868

**Achromatomaly**  
686966

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 676A62 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 #676A62 looks like.

```
.text, #text, p{  
    color:#676A62  
}
```

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 #676A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676A62
}
```

## Border

The CSS property to change the border of an element to Hex 676A62 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
#676A62 }
```

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

```
.border{ border-color:#676A62 }
```

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

Here you see how a box with a 4 pixel #676A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676A62; -webkit-box-shadow:4px 4px  
4px 4px #676A62; box-shadow:4px 4px 4px  
4px #676A62 }
```

# Background

The CSS property to change the background color of an element to Hex 676A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676A62 }
```

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

```
.background{ background-color:#676A62 }
```

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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