

# Converting Colors

Hex(676147)

Have a look what the booklet for  
Hex(676147) contains.

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# Color

Hex(676147)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	676147
RGB	103, 97, 71
RGB Percent	40%, 38%, 28%
CMY	0.5961, 0.6196, 0.7216
CMYK	0.00, 0.06, 0.31, 0.60
HSL	49°, 18%, 34%
HSV	49°, 31%, 40%
XYZ	11.0055, 11.8879, 7.6758
YIQ	95.8300, 11.9220, -6.8140

# Conversions

## Conversions Part 2

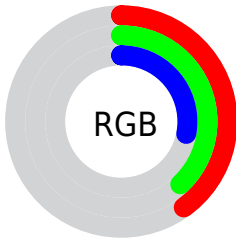
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 103, 71
Decimal	6775111
CIELab	41.04, -2.15, 15.72
CIElCh	41, 15.867, 97.779
Yxy	11.8879, 0.3600, 0.3889
Android (android.graphics.Color)	4284965191 (0xFF676147)
YUV	95.8300, -12.2412, 6.2881
Hunter-Lab	34.4788, -3.3612, 10.9359

# Details

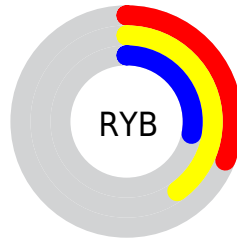
The Hex color **676147** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **474D67**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9B9478**, and **37331B** is the 20% darker color. If you saturate the color by 10%, you get **675F3D**, and if you desaturate by 10%, it is **676351**.

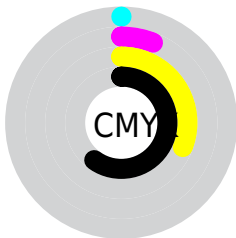
# Distribution



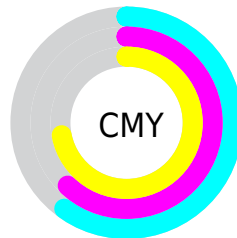
- Red (40%)
- Green (38%)
- Blue (28%)



- Red (31%)
- Yellow (40%)
- Blue (28%)



- Cyan (0%)
- Magenta (6%)
- Yellow (31%)
- Black (60%)



- Cyan (60%)
- Magenta (62%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 676147 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 676147 by changing the saturation by 10% instead.





676147



676147

FFFFFF



4F4930



9B9478



37331B



B6AE91



221E02



D1C9AC



000500



EEE6C7



000000



FFFFE3



676147



676147



675F3D



676351



675D32



67655C

675B28

676766

67591E

676970

675714

676B7B

675509

676D85

675400

676F8F

677099

6772A4

# Harmonies

## Analogous

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



735D49



676147



59654C

# Triad

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



676147



3C6770



74596B

# Complementary

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



676147



474D67

# 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.



675C75



676147



456578

# Square

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



676147



3E6864



56617A



7B575E

# Rectangle

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



676147



4F6753



56617A



715A6F



# Sweetspot

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



676147



87857B



67474D



45433D



C4C4C4



454545



# Same Dimension

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



676147



877E55



5D6747



33322E



735D00



F2C500



# Inverse Universe

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



474D67



555F87



514767



2E2F33



001673



002DF2



# Previews

## White Background



This preview shows how the Hex color 676147 looks on a white background.

## Color Contrast Check

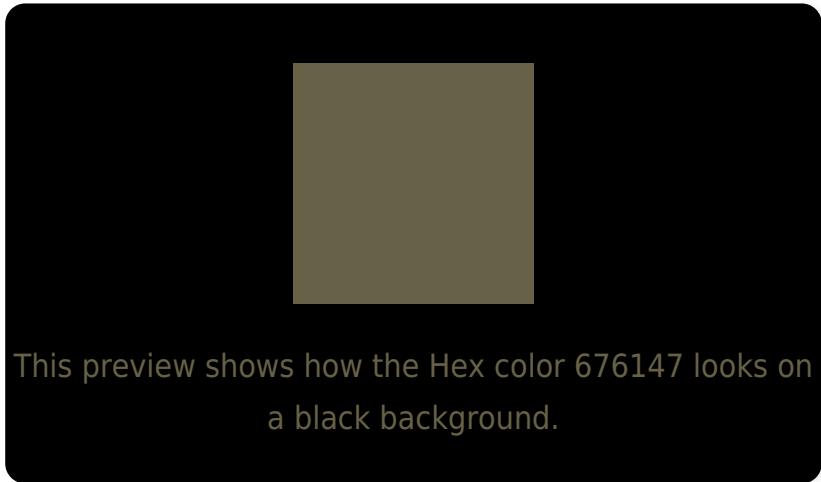
Large Text (above 18pt) WCAG AA ✓ Pass

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

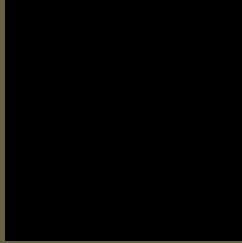
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 676147 Background



This preview shows how black text looks on a background with the Hex color 676147.

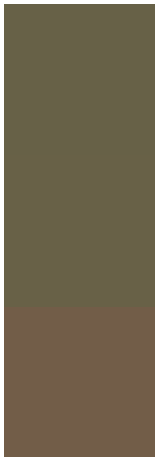


This preview shows how white text looks on a background with the Hex color 676147.

# 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**  
676147

**Protanopia**  
686147

**Deuteranopia**  
725D48



**Tritanopia**  
6A5D64

# Trichromacy



**Original Color**  
676147

**Protanomaly**  
686147

**Deuteranomaly**  
6E5E48

**Tritanomaly**  
695E59

# Monochromacy



**Original Color**  
676147

**Achromatopsia**  
606060

**Achromatomaly**  
636057

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 676147 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 #676147 looks like.

```
.text, #text, p{  
    color:#676147  
}
```

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 #676147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676147
}
```

## Border

The CSS property to change the border of an element to Hex 676147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

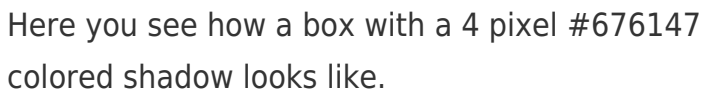
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676147 }
```

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

```
.border{ border-color:#676147 }
```

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



Here you see how a box with a 4 pixel #676147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676147; -webkit-box-shadow:4px 4px  
4px 4px #676147; box-shadow:4px 4px 4px  
4px #676147 }
```

# Background

The CSS property to change the background color of an element to Hex 676147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676147 }
```

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

```
.background{ background-color:#676147 }
```

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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