

# Converting Colors

Hex(677146)

Have a look what the booklet for  
Hex(677146) contains.

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# Color

Hex(677146)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	677146
RGB	103, 113, 70
RGB Percent	40%, 44%, 27%
CMY	0.5961, 0.5569, 0.7255
CMYK	0.09, 0.00, 0.38, 0.56
HSL	74°, 23%, 36%
HSV	74°, 38%, 44%
XYZ	12.6041, 15.1360, 8.0516
YIQ	105.1080, 7.8430, -15.4930

# Conversions

## Conversions Part 2

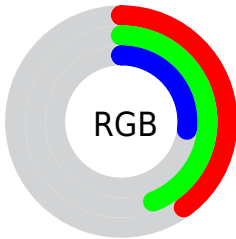
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 113, 80
Decimal	6779206
CIELab	45.82, -11.49, 22.64
CIElCh	46, 25.389, 116.912
Yxy	15.1360, 0.3522, 0.4229
Android (android.graphics.Color)	4284969286 (0xFF677146)
YUV	105.1080, -17.3082, -1.8487
Hunter-Lab	38.9050, -10.2548, 14.9632

# Details

The Hex color **677146** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **504671**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9BA577**, and **374119** is the 20% darker color. If you saturate the color by 10%, you get **64713B**, and if you desaturate by 10%, it is **6A7151**.

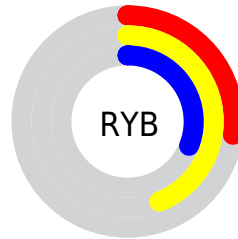
# Distribution



Red (40%)

Green (44%)

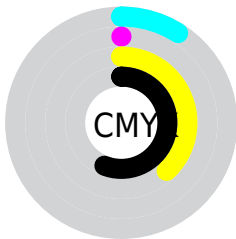
Blue (27%)



Red (27%)

Yellow (44%)

Blue (31%)

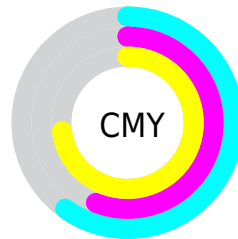


Cyan (9%)

Magenta (0%)

Yellow (38%)

Black (56%)



Cyan (60%)

Magenta (56%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 677146 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 677146 by changing the saturation by 10% instead.





677146



677146

FFFFFF



4E592F



9BA577



374119



B6C091



212B00



D2DCAB



031800



EEF8C7



000000



FFFFE3



677146



677146



64713B



6A7151



62712F



6C715D

■ 5F7124

■ 6F7168

■ 5C7119

■ 727173

■ 5A710E

■ 74717F

■ 577102

■ 77718A

■ 577100

■ 797195

■ 7C71A0

■ 7F71AC

# Harmonies

## Analogous

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



7D6A42



677146



4E7655

# Triad

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



677146



29758F



945C70

# Complementary

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



677146



504671

# 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.



856184



677146



4B6F97

# Square

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



677146



1E787F



6C6892



965E5A

# Rectangle

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



677146



3C7762



6C6892



905D77



# Sweetspot

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



677146



909484



714F46



484A40



C9C9C9



4A4A4A



# Same Dimension

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



677146



849450



527146



373832



5C7800



BEF700



# Inverse Universe

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



504671



605094



654671



343238



1C0078



3A00F7



# Previews

## White Background



This preview shows how the Hex color 677146 looks on a white background.

## Color Contrast Check

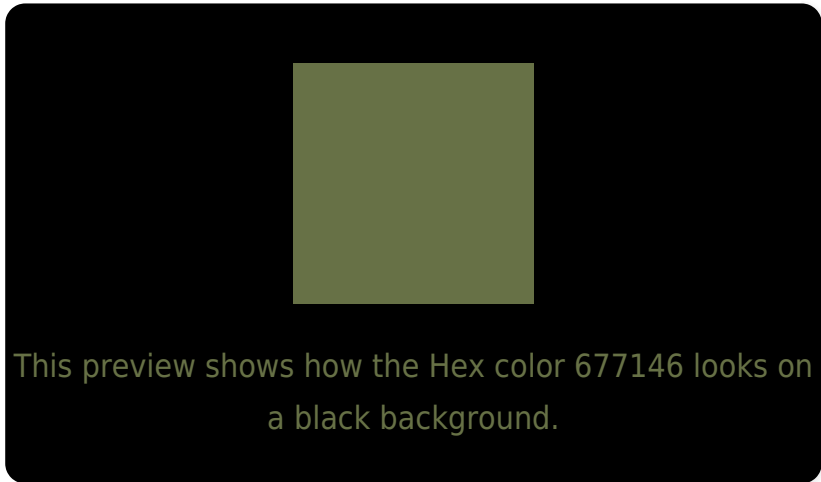
Large Text (above 18pt) WCAG AA ✓ Pass

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

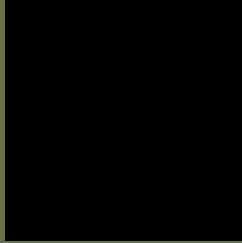
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 677146 Background



This preview shows how black text looks on a background with the Hex color 677146.



This preview shows how white text looks on a background with the Hex color 677146.

# 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**  
677146

**Protanopia**  
766C44

**Deuteranopia**  
826848



**Tritanopia**  
6D6B74

# Trichromacy



**Original Color**  
677146

**Protanomaly**  
716E45

**Deuteranomaly**  
786B47

**Tritanomaly**  
6B6D63

# Monochromacy



**Original Color**  
677146

**Achromatopsia**  
696969

**Achromatomaly**  
686C5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 677146 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 #677146 looks like.

```
.text, #text, p{  
    color:#677146  
}
```

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 #677146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677146
}
```

## Border

The CSS property to change the border of an element to Hex 677146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

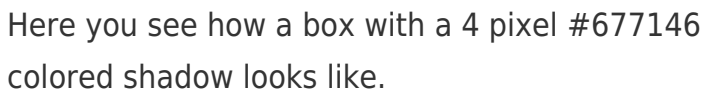
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#677146 }
```

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

```
.border{ border-color:#677146 }
```

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



Here you see how a box with a 4 pixel #677146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677146; -webkit-box-shadow:4px 4px  
4px 4px #677146; box-shadow:4px 4px 4px  
4px #677146 }
```

# Background

The CSS property to change the background color of an element to Hex 677146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677146 }
```

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

```
.background{ background-color:#677146 }
```

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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