

# Converting Colors

Hex(677A3A)

Have a look what the booklet for  
Hex(677A3A) contains.

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# Color

Hex(677A3A)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	677A3A
RGB	103, 122, 58
RGB Percent	40%, 48%, 23%
CMY	0.5961, 0.5216, 0.7725
CMYK	0.16, 0.00, 0.52, 0.52
HSL	78°, 36%, 35%
HSV	78°, 52%, 48%
XYZ	13.3168, 17.1081, 6.6033
YIQ	109.0230, 9.2200, -23.9320

# Conversions

## Conversions Part 2

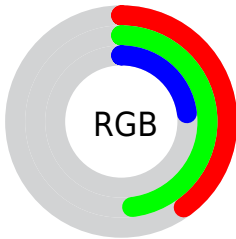
Format	Color
<b>RYB</b>	58, 122, 77
Decimal	6781498
CIELab	48.40, -17.88, 32.45
CIELCh	48, 37.049, 118.852
Yxy	17.1081, 0.3596, 0.4620
Android (android.graphics.Color)	4284971578 (0xFF677A3A)
YUV	109.0230, -25.1543, -5.2822
Hunter-Lab	41.3620, -14.9141, 19.4879

# Details

The Hex color **677A3A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D3A7A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9BAE6B**, and **36490A** is the 20% darker color. If you saturate the color by 10%, you get **637A2E**, and if you desaturate by 10%, it is **6B7A46**.

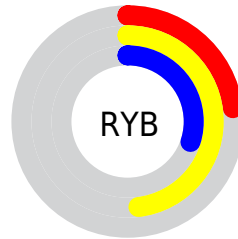
# Distribution



Red (40%)

Green (48%)

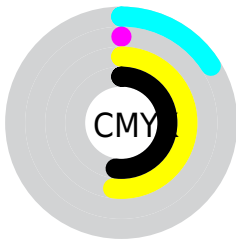
Blue (23%)



Red (23%)

Yellow (48%)

Blue (30%)

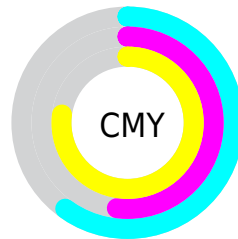


Cyan (16%)

Magenta (0%)

Yellow (52%)

Black (52%)



Cyan (60%)

Magenta (52%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 677A3A 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 677A3A by changing the saturation by 10% instead.



 677A3A

 677A3A

FFFFFF

 4E6123

 9BAE6B

 36490A

 B7CA85

 203300

 D3E69F

 011E00

 EFFFBA

 000000

 FFFFD6

 FFFFF3

 677A3A

 677A3A

 637A2E

 6B7A46

■ 607A22

■ 6E7A52

■ 5C7A15

■ 727A5F

■ 597A09

■ 757A6B

■ 567A00

■ 797A77

■ 7D7A83

■ 807A8F

■ 847A9C

■ 887AA8

# Harmonies

## Analogous

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



877132



677A3A



408051

# Triad

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



677A3A



007EA8



AB5975

# Complementary

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



677A3A



4D3A7A

# 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.



985F94



677A3A



3877B1

# Square

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



677A3A



008290



736BAA



AD5C56

# Rectangle

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



677A3A



148266



736BAA



A75A80



# Sweetspot

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



677A3A



979E85



7A4C3A



4B4F40



CFCFCF



4F4F4F



# Same Dimension

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



677A3A



819E3A



487A3A



3B3D37



587D00



B2FC00



# Inverse Universe

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



4D3A7A



583A9E



6C3A7A



39373D



25007D



4B00FC



# Previews

## White Background



This preview shows how the Hex color 677A3A 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

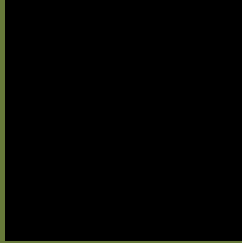
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 677A3A Background



This preview shows how black text looks on a background with the Hex color 677A3A.



This preview shows how white text looks on a background with the Hex color 677A3A.

# 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**  
677A3A

**Protanopia**  
7F7338

**Deuteranopia**  
8C6D3D

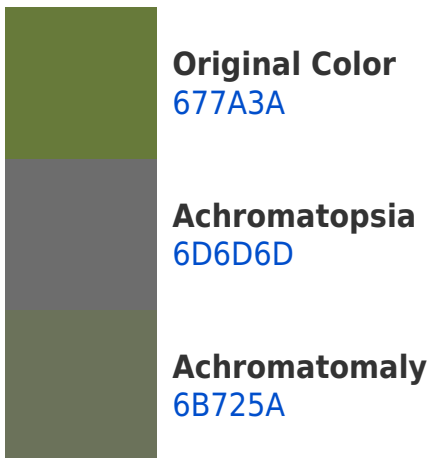


**Tritanopia**  
6F737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 677A3A 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 #677A3A looks like.

```
.text, #text, p{  
    color:#677A3A  
}
```

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 #677A3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677A3A
}
```

## Border

The CSS property to change the border of an element to Hex 677A3A 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
#677A3A }
```

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

```
.border{ border-color:#677A3A }
```

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

Here you see how a box with a 4 pixel #677A3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677A3A; -webkit-box-shadow:4px 4px  
4px 4px #677A3A; box-shadow:4px 4px 4px  
4px #677A3A }
```

# Background

The CSS property to change the background color of an element to Hex 677A3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677A3A }
```

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

```
.background{ background-color:#677A3A }
```

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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