

# Converting Colors

Hex(677952)

Have a look what the booklet for  
Hex(677952) contains.

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# Color

Hex(677952)

# Conversions

## Conversions Part 1

Format	Color
Hex	677952
RGB	103, 121, 82
RGB Percent	40%, 47%, 32%
CMY	0.5961, 0.5255, 0.6784
CMYK	0.15, 0.00, 0.32, 0.53
HSL	88°, 19%, 40%
HSV	88°, 32%, 47%
XYZ	13.9539, 17.1675, 10.5609
YIQ	111.1720, 1.7910, -15.9450

# Conversions

## Conversions Part 2

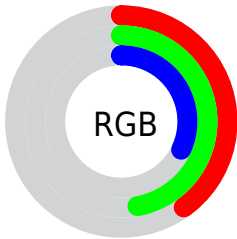
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 121, 100
Decimal	6781266
CIE <sub>Lab</sub>	48.47, -14.12, 19.26
CIE <sub>LCh</sub>	48, 23.886, 126.243
Yxy	17.1675, 0.3348, 0.4119
Android (android.graphics.Color)	4284971346 (0xFF677952)
YUV	111.1720, -14.3818, -7.1668
Hunter-Lab	41.4337, -12.3944, 13.8914

# Details

The Hex color **677952** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **645279**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9BAD84**, and **374825** is the 20% darker color. If you saturate the color by 10%, you get **617946**, and if you desaturate by 10%, it is **6D795E**.

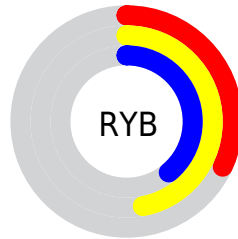
# Distribution



Red (40%)

Green (47%)

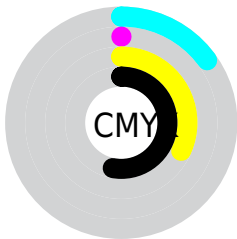
Blue (32%)



Red (32%)

Yellow (47%)

Blue (39%)

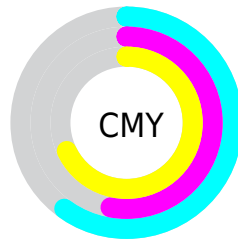


Cyan (15%)

Magenta (0%)

Yellow (32%)

Black (53%)



Cyan (60%)

Magenta (53%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 677952 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 677952 by changing the saturation by 10% instead.





677952



677952

FFFFFF



4F603B



9BAD84



374825



B6C99E



21320F



D1E5B9



0B1D00



EEFFD5



000000



FFFFF1



677952



677952



617946



6D795E



5C793A



72796A

■ 56792E

■ 787976

■ 517922

■ 7D7982

■ 4B7916

■ 83798E

■ 457909

■ 89799B

■ 417900

■ 8E79A7

■ 9479B3

■ 9979BF

# Harmonies

## Analogous

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



7D734B



677952



4F7D62

# Triad

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



677952



417A98



9B6470

# Complementary

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



677952



645279

# 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.



906684



677952



5F749B

# Square

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



677952



2F7D8A



7B6C94



99665C

# Rectangle

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



677952



407E70



7B6C94



986476



# Sweetspot

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



677952



979E8E



796452



4B4F46



CFCFCF



4F4F4F



# Same Dimension

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



677952



829E60



547952



3A3D37



437D00



88FC00



# Inverse Universe

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



645279



7D609E



775279



3A373D



3A007D



7500FC



# Previews

## White Background



This preview shows how the Hex color 677952 looks on a white background.

## Color Contrast Check

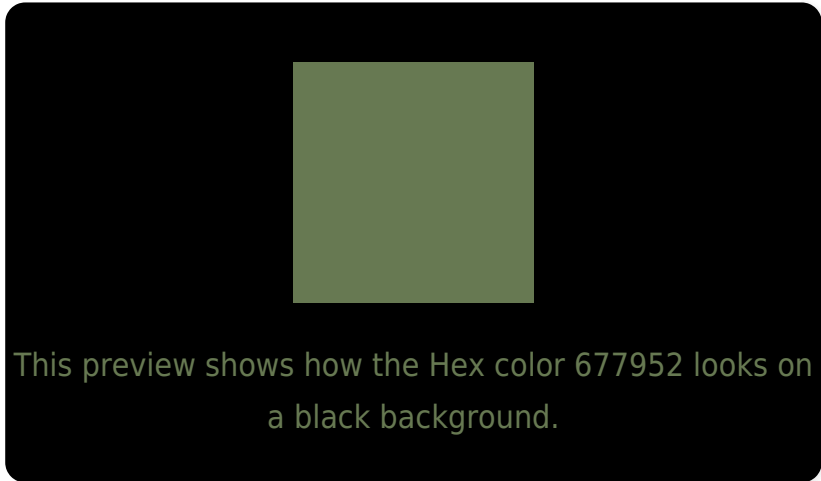
Large Text (above 18pt) WCAG AA ✓ Pass

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

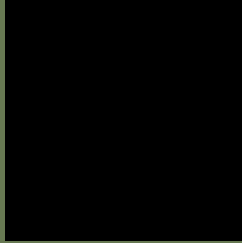
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 677952 Background



This preview shows how black text looks on a background with the Hex color 677952.



This preview shows how white text looks on a background with the Hex color 677952.

# 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**  
677952

**Protanopia**  
7C734F

**Deuteranopia**  
886E54



**Tritanopia**  
6D747D

# Trichromacy



**Original Color**  
677952

**Protanomaly**  
747550

**Deuteranomaly**  
7C7253

**Tritanomaly**  
6B766D

# Monochromacy



**Original Color**  
677952

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
6C7364

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 677952 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 #677952 looks like.

```
.text, #text, p{  
    color:#677952  
}
```

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 #677952 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677952
}
```

## Border

The CSS property to change the border of an element to Hex 677952 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
#677952 }
```

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

```
.border{ border-color:#677952 }
```

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

Here you see how a box with a 4 pixel #677952 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677952; -webkit-box-shadow:4px 4px  
4px 4px #677952; box-shadow:4px 4px 4px  
4px #677952 }
```

# Background

The CSS property to change the background color of an element to Hex 677952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677952 }
```

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

```
.background{ background-color:#677952 }
```

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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