

# Converting Colors

Hex(607358)

Have a look what the booklet for  
Hex(607358) contains.

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# Color

**Hex(607358)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	607358
RGB	96, 115, 88
RGB Percent	38%, 45%, 35%
CMY	0.6235, 0.5490, 0.6549
CMYK	0.17, 0.00, 0.23, 0.55
HSL	102°, 13%, 40%
HSV	102°, 23%, 45%
XYZ	12.7161, 15.4528, 11.5450
YIQ	106.2410, -2.6570, -12.4250

# Conversions

## Conversions Part 2

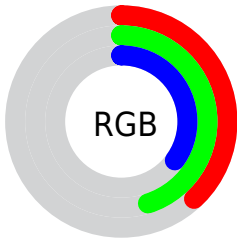
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 115, 107
Decimal	6320984
CIELab	46.25, -12.59, 12.66
CIElCh	46, 17.854, 134.825
Yxy	15.4528, 0.3202, 0.3891
Android (android.graphics.Color)	4284511064 (0xFF607358)
YUV	106.2410, -8.9928, -8.9814
Hunter-Lab	39.3101, -11.0514, 10.1042

# Details

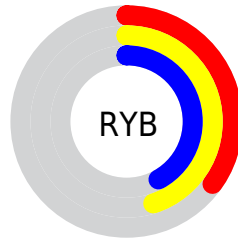
The Hex color **607358** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6B5873**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **93A78A**, and **31432A** is the 20% darker color. If you saturate the color by 10%, you get **58734D**, and if you desaturate by 10%, it is **687363**.

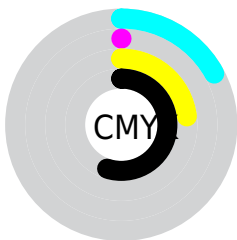
# Distribution



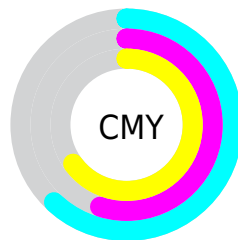
- Red (38%)
- Green (45%)
- Blue (35%)



- Red (35%)
- Yellow (45%)
- Blue (42%)



- Cyan (17%)
- Magenta (0%)
- Yellow (23%)
- Black (55%)



- Cyan (62%)
- Magenta (55%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 607358 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 607358 by changing the saturation by 10% instead.



 607358

 607358

FFFFFF

 485A41

 93A78A

 31432A

 AEC2A4

 1C2D16

 C9DEBF

 021900

 E5FBDB

 000000

 FFFFF8

 607358

 607358

 58734D

 687363

 507341

 70736F

■ 487336

■ 78737A

■ 40732A

■ 807386

■ 38731F

■ 887392

■ 2F7313

■ 91739D

■ 277307

■ 9973A9

■ 227300

■ A173B4

■ A973C0

# Harmonies

## Analogous

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



716F51



607358



4F7565

# Triad

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



607358



51718A



8C6367

# Complementary

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



607358



6B5873

# 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.



876476



607358



666C8A

# Square

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



607358



447582



796783



896559

# Rectangle

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



607358



477670



796783



8B636C



# Sweetspot

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



607358



8F968C



736B58



484D46



CCCCCC



4D4D4D



# Same Dimension

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



607358



79966C



58735D



373B35



247A00



4AFA00



# Inverse Universe

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



6B5873



8A6C96



73586E



39353B



56007A

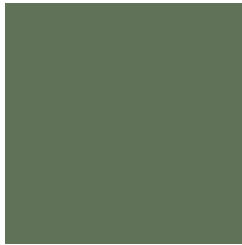


B000FA



# Previews

## White Background



This preview shows how the Hex color 607358 looks on a white background.

## Color Contrast Check

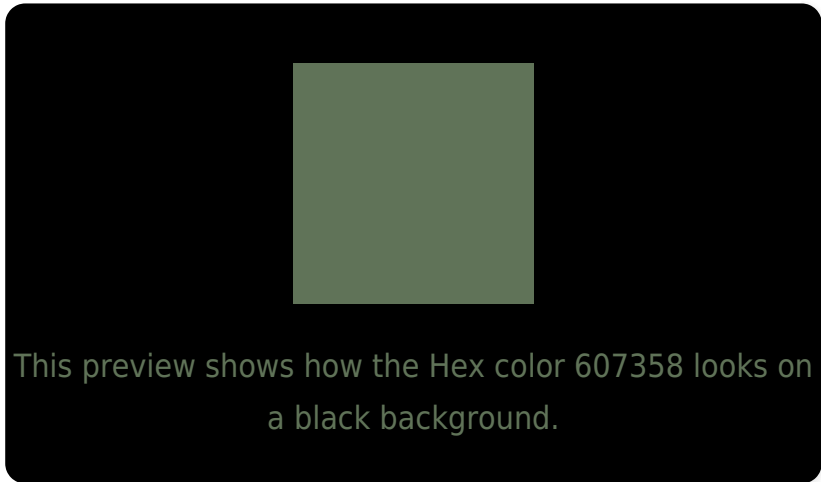
Large Text (above 18pt) WCAG AA ✓ Pass

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

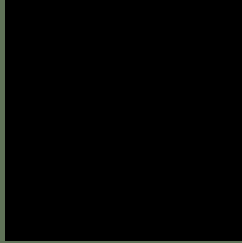
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 607358 Background



This preview shows how black text looks on a background with the Hex color 607358.



This preview shows how white text looks on a background with the Hex color 607358.

# 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**  
607358

**Protanopia**  
756D55

**Deuteranopia**  
7F695A



**Tritanopia**  
656F78

# Trichromacy



**Original Color**  
607358

**Protanomaly**  
6D6F56

**Deuteranomaly**  
746D59

**Tritanomaly**  
63706C

# Monochromacy



**Original Color**  
607358

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
666D63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 607358 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 #607358 looks like.

```
.text, #text, p{  
    color:#607358  
}
```

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 #607358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607358
}
```

## Border

The CSS property to change the border of an element to Hex 607358 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
#607358 }
```

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

```
.border{ border-color:#607358 }
```

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

Here you see how a box with a 4 pixel #607358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607358; -webkit-box-shadow:4px 4px  
4px 4px #607358; box-shadow:4px 4px 4px  
4px #607358 }
```

# Background

The CSS property to change the background color of an element to Hex 607358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607358 }
```

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

```
.background{ background-color:#607358 }
```

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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