

# Converting Colors

Hex(607B36)

Have a look what the booklet for  
Hex(607B36) contains.

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**Color**

**Hex(607B36)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	607B36
RGB	96, 123, 54
RGB Percent	38%, 48%, 21%
CMY	0.6235, 0.5176, 0.7882
CMYK	0.22, 0.00, 0.56, 0.52
HSL	83°, 39%, 35%
HSV	83°, 56%, 48%
XYZ	12.5727, 16.9191, 6.0931
YIQ	107.0610, 6.0570, -27.1830

# Conversions

## Conversions Part 2

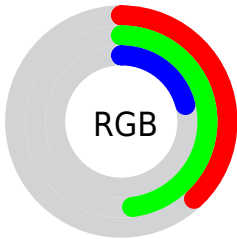
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 123, 81
Decimal	6322998
CIELab	48.16, -21.78, 34.12
CIElCh	48, 40.478, 122.555
Yxy	16.9191, 0.3533, 0.4755
Android (android.graphics.Color)	4284513078 (0xFF607B36)
YUV	107.0610, -26.1591, -9.7005
Hunter-Lab	41.1328, -17.4219, 20.0102

# Details

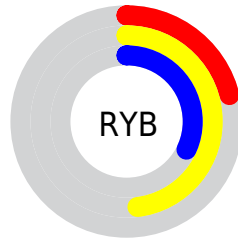
The Hex color **607B36** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **51367B**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **94B067**, and **2F4A05** is the 20% darker color. If you saturate the color by 10%, you get **5B7B2A**, and if you desaturate by 10%, it is **657B42**.

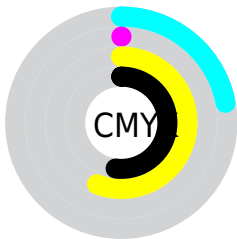
# Distribution



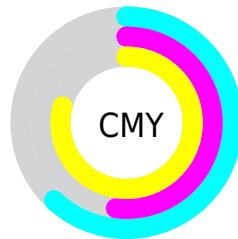
- Red (38%)
- Green (48%)
- Blue (21%)



- Red (21%)
- Yellow (48%)
- Blue (32%)



- Cyan (22%)
- Magenta (0%)
- Yellow (56%)
- Black (52%)



- Cyan (62%)
- Magenta (52%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 607B36 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 607B36 by changing the saturation by 10% instead.





607B36



607B36

FFFFFF



47621E



94B067



2F4A05



AFCB81



183300



CBE79B



001F00



E8FFB6



000000



FFFFD2



FFFEEF



607B36



607B36



5B7B2A



657B42

■ 567B1D

■ 6A7B4F

■ 527B11

■ 6E7B5B

■ 4D7B05

■ 737B67

■ 4B7B00

■ 787B74

■ 7D7B80

■ 827B8C

■ 877B98

■ 8B7BA5

# Harmonies

## Analogous

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



83712B



607B36



318151

# Triad

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



607B36



007EAE



B15571

# Complementary

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



607B36



51367B

# 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.



9F5B92



607B36



3675B6

# Square

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



607B36



008396



7868AC



AF594F

# Rectangle

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



607B36



008368



7868AC



AD567C



# Sweetspot

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



607B36



96A185



7B5036



4B5241



D1D1D1



525252



# Same Dimension

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



607B36



77A135



3E7B36



3B3D37



4C7D00



9AFC00



# Inverse Universe

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



51367B



5F35A1



73367B



39373D



31007D



6300FC



# Previews

## White Background



This preview shows how the Hex color 607B36 looks on a white background.

## Color Contrast Check

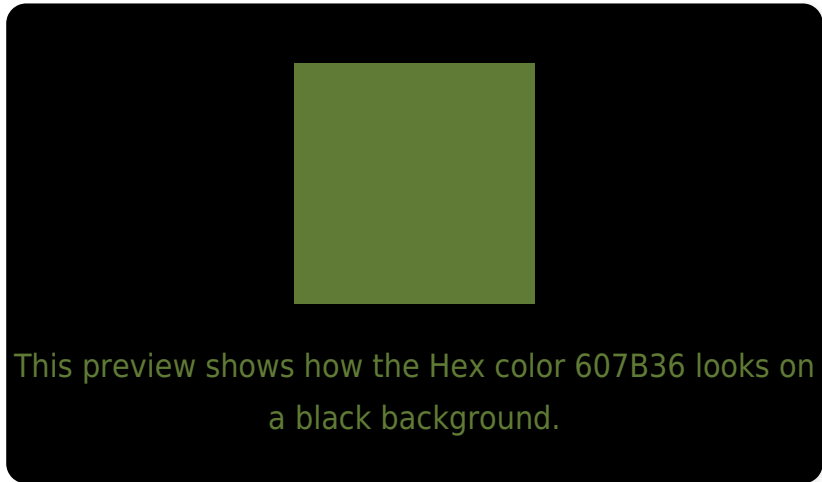
Large Text (above 18pt) WCAG AA ✓ Pass

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

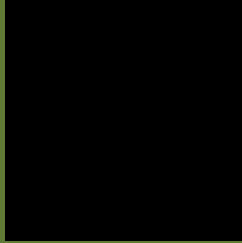
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 607B36 Background



This preview shows how black text looks on a background with the Hex color 607B36.



This preview shows how white text looks on a background with the Hex color 607B36.

# 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**  
607B36

**Protanopia**  
7F7233

**Deuteranopia**  
8C6D3A



**Tritanopia**  
69747D

# Trichromacy



**Original Color**  
607B36

**Protanomaly**  
747534

**Deuteranomaly**  
7C7239

**Tritanomaly**  
667763

# Monochromacy



**Original Color**  
607B36

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
677158

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 607B36 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 #607B36 looks like.

```
.text, #text, p{  
    color:#607B36  
}
```

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 #607B36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607B36
}
```

## Border

The CSS property to change the border of an element to Hex 607B36 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
#607B36 }
```

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

```
.border{ border-color:#607B36 }
```

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

Here you see how a box with a 4 pixel #607B36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607B36; -webkit-box-shadow:4px 4px  
4px 4px #607B36; box-shadow:4px 4px 4px  
4px #607B36 }
```

# Background

The CSS property to change the background color of an element to Hex 607B36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607B36 }
```

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

```
.background{ background-color:#607B36 }
```

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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