

# Converting Colors

Hex(607C2D)

Have a look what the booklet for  
Hex(607C2D) contains.

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**Color**

**Hex(607C2D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	607C2D
RGB	96, 124, 45
RGB Percent	38%, 49%, 18%
CMY	0.6235, 0.5137, 0.8235
CMYK	0.23, 0.00, 0.64, 0.51
HSL	81°, 47%, 33%
HSV	81°, 64%, 49%
XYZ	12.5052, 17.0916, 5.1225
YIQ	106.6220, 8.6710, -30.5050

# Conversions

## Conversions Part 2

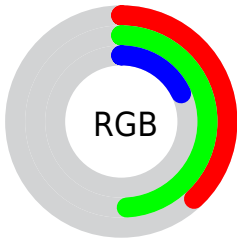
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 124, 73
Decimal	6323245
CIELab	48.38, -23.17, 38.79
CIELCh	48, 45.187, 120.855
Yxy	17.0916, 0.3602, 0.4923
Android (android.graphics.Color)	4284513325 (0xFF607C2D)
YUV	106.6220, -30.3796, -9.3155
Hunter-Lab	41.3419, -18.3554, 21.5929

# Details

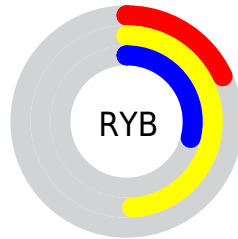
The Hex color **607C2D** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **492D7C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **95B15E**, and **2E4B00** is the 20% darker color. If you saturate the color by 10%, you get **5C7C21**, and if you desaturate by 10%, it is **647C39**.

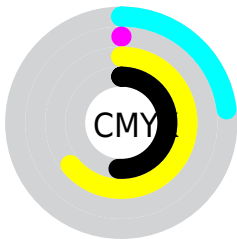
# Distribution



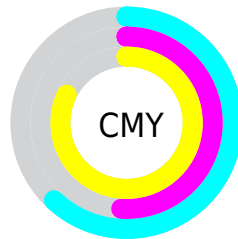
- Red (38%)
- Green (49%)
- Blue (18%)



- Red (18%)
- Yellow (49%)
- Blue (29%)



- Cyan (23%)
- Magenta (0%)
- Yellow (64%)
- Black (51%)



- Cyan (62%)
- Magenta (51%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 607C2D 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 607C2D by changing the saturation by 10% instead.



 607C2D

 607C2D

FFFFFF

 476314

 95B15E

 2E4B00

 B0CC78

 163400

 CCE892

 002000

 E9FFAD

 000000

 FFFFC9

 FFFFE6

 607C2D

 607C2D

 5C7C21

 647C39

■ 577C14

■ 697C46

■ 537C08

■ 6D7C52

■ 507C00

■ 727C5F

■ 767C6B

■ 7A7C77

■ 7F7C84

■ 837C90

■ 887C9D

# Harmonies

## Analogous

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



877121



607C2D



29834C

# Triad

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



607C2D



0080B5



B75073

# Complementary

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



607C2D



492D7C

# 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.



A25999



607C2D



1877BF

# Square

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



607C2D



008599



7568B5



B7554E

# Rectangle

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



607C2D



008565



7568B5



B35280



# Sweetspot

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



607C2D



96A182



7C492D



4B523F



D1D1D1



525252



# Same Dimension

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



607C2D



75A127



397C2D



3B3D37



517D00



A3FC00



# Inverse Universe

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



492D7C



5227A1



702D7C



39373D



2C007D



5900FC



# Previews

## White Background



This preview shows how the Hex color 607C2D looks on a white background.

## Color Contrast Check

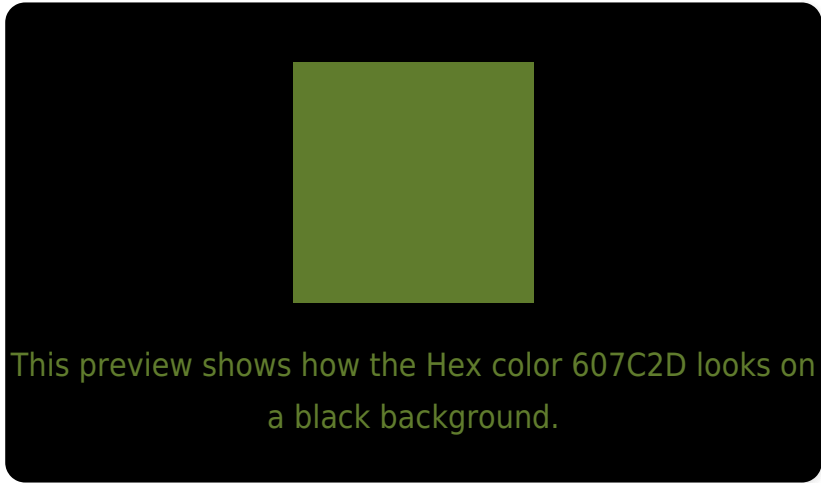
Large Text (above 18pt) WCAG AA ✓ Pass

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

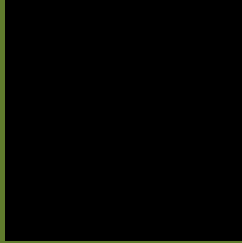
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 607C2D Background



This preview shows how black text looks on a background with the Hex color 607C2D.



This preview shows how white text looks on a background with the Hex color 607C2D.

# 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**  
607C2D

**Protanopia**  
80732A

**Deuteranopia**  
8E6D32



**Tritanopia**  
6A747D

# Trichromacy



**Original Color**  
607C2D

**Protanomaly**  
74762B

**Deuteranomaly**  
7D7230

**Tritanomaly**  
667760

# Monochromacy



**Original Color**  
607C2D

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
677154

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 607C2D 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 #607C2D looks like.

```
.text, #text, p{  
    color:#607C2D  
}
```

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 #607C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607C2D
}
```

## Border

The CSS property to change the border of an element to Hex 607C2D 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
#607C2D }
```

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

```
.border{ border-color:#607C2D }
```

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

Here you see how a box with a 4 pixel #607C2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607C2D; -webkit-box-shadow:4px 4px  
4px 4px #607C2D; box-shadow:4px 4px 4px  
4px #607C2D }
```

# Background

The CSS property to change the background color of an element to Hex 607C2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607C2D }
```

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

```
.background{ background-color:#607C2D }
```

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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