

# Converting Colors

Hex(607B19)

Have a look what the booklet for  
Hex(607B19) contains.

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**Color**

**Hex(607B19)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 607B19                      |
| RGB           | 96, 123, 25                 |
| RGB Percent   | 38%, 48%, 10%               |
| CMY           | 0.6235, 0.5176, 0.9020      |
| CMYK          | 0.22, 0.00, 0.80, 0.52      |
| HSL           | 77°, 66%, 29%               |
| HSV           | 77°, 80%, 48%               |
| XYZ           | 12.0823, 16.7229, 3.5107    |
| YIQ           | 103.7550, 15.3660, -36.2020 |

# Conversions

## Conversions Part 2

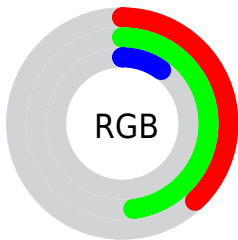
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">25, 123, 52</a>                 |
| Decimal                             | <a href="#">6322969</a>                     |
| CIELab                              | <a href="#">47.91, -24.06, 46.53</a>        |
| CIElCh                              | <a href="#">48, 52.386, 117.347</a>         |
| Yxy                                 | <a href="#">16.7229, 0.3739, 0.5175</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4284513049<br/>(0xFF607B19)</a> |
| YUV                                 | <a href="#">103.7550, -38.8262, -6.8011</a> |
| Hunter-Lab                          | <a href="#">40.8936, -18.8249, 23.5355</a>  |

# Details

The Hex color **607B19** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **34197B**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **95B04D**, and **2E4A00** is the 20% darker color. If you saturate the color by 10%, you get **5D7B0D**, and if you desaturate by 10%, it is **637B25**.

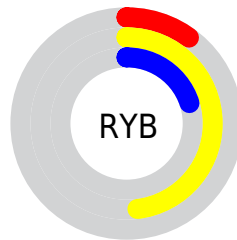
# Distribution



Red (38%)

Green (48%)

Blue (10%)



Red (10%)

Yellow (48%)

Blue (20%)

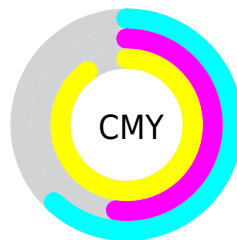


Cyan (22%)

Magenta (0%)

Yellow (80%)

Black (52%)



Cyan (62%)

Magenta (52%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 607B19 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 607B19 by changing the saturation by 10% instead.



 607B19

 607B19

FFFFFF

 466200

 95B04D

 2E4A00

 B1CB67

 133300

 CDE781

 001F00

 EAFF9C

 000000

 FFFF88

 FFFFD4

 FFFFF1

 607B19

 607B19

■ 5D7B0D

■ 637B25

■ 597B00

■ 677B32

■ 6A7B3E

■ 6E7B4A

■ 717B57

■ 747B63

■ 787B6F

■ 7B7B7B

■ 7E7B88

# Harmonies

## Analogous

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



8B6E09



607B19



1B833F

# Triad

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



607B19



0082BC



BE4778

# Complementary

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



607B19



34197B

# 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.



A354A2



607B19



0078CA

# Square

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



607B19



008699



6A68C1



BF4C4C

# Rectangle

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



607B19



00855D



6A68C1



B84986



# Sweetspot

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



607B19



96A17A



7B3319



4B523A



D1D1D1



525252



# Same Dimension

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



607B19



76A106



307B19



3C3D37



5B7D00



B7FC00



# Inverse Universe

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



34197B



3106A1



64197B



39373D



22007D



4600FC



# Previews

## White Background



This preview shows how the Hex color 607B19 looks on a white background.

## Color Contrast Check

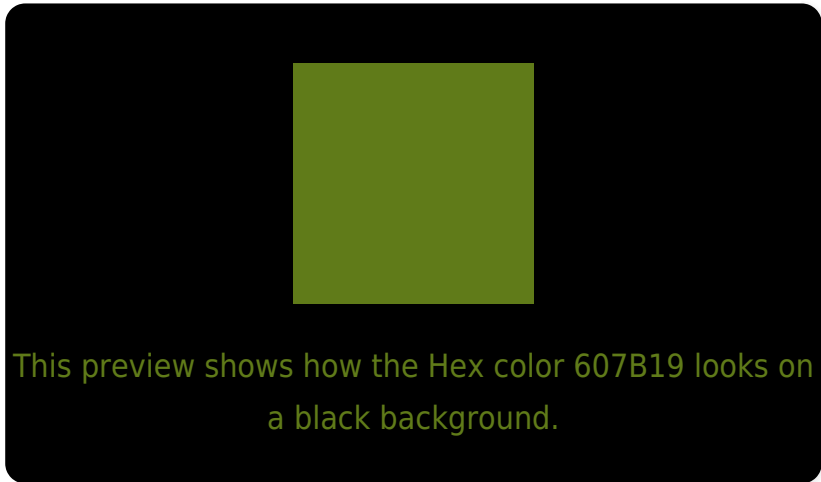
Large Text (above 18pt) WCAG AA ✓ Pass

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 607B19 Background



This preview shows how black text looks on a background with the Hex color 607B19.



This preview shows how white text looks on a background with the Hex color 607B19.

# 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](#).

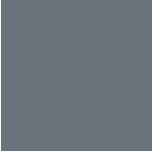
## Dichromacy



**Original Color**  
607B19

**Protanopia**  
807217

**Deuteranopia**  
8E6C21



**Tritanopia**  
6A737C

# Trichromacy



**Original Color**  
607B19

**Protanomaly**  
747518

**Deuteranomaly**  
7D711E

**Tritanomaly**  
667658

# Monochromacy



**Original Color**  
607B19

**Achromatopsia**  
686868

**Achromatomaly**  
656F4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 607B19 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 #607B19 looks like.

```
.text, #text, p{  
    color:#607B19  
}
```

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 #607B19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607B19
}
```

## Border

The CSS property to change the border of an element to Hex 607B19 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
#607B19 }
```

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

```
.border{ border-color:#607B19 }
```

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

Here you see how a box with a 4 pixel #607B19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607B19; -webkit-box-shadow:4px 4px  
4px 4px #607B19; box-shadow:4px 4px 4px  
4px #607B19 }
```

# Background

The CSS property to change the background color of an element to Hex 607B19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607B19 }
```

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

```
.background{ background-color:#607B19 }
```

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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