

# Converting Colors

Hex(607015)

Have a look what the booklet for  
Hex(607015) contains.

<b>Hex(607015)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(607015)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	607015
RGB	96, 112, 21
RGB Percent	38%, 44%, 8%
CMY	0.6235, 0.5608, 0.9176
CMYK	0.14, 0.00, 0.81, 0.56
HSL	71°, 68%, 26%
HSV	71°, 81%, 44%
XYZ	10.7534, 14.1293, 2.8699
YIQ	96.8420, 19.6750, -31.6930

# Conversions

## Conversions Part 2

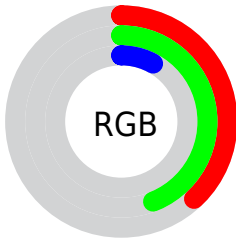
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 112, 37
Decimal	6320149
CIELab	44.42, -18.59, 44.65
CIELCh	44, 48.365, 112.609
Yxy	14.1293, 0.3875, 0.5091
Android (android.graphics.Color)	4284510229 (0xFF607015)
YUV	96.8420, -37.3901, -0.7384
Hunter-Lab	37.5889, -14.7156, 21.7854

# Details

The Hex color **607015** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **251570**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **95A449**, and **2E4000** is the 20% darker color. If you saturate the color by 10%, you get **5E700A**, and if you desaturate by 10%, it is **627020**.

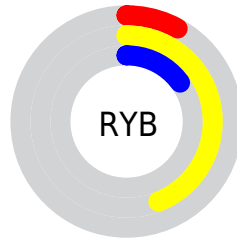
# Distribution



 Red (38%)

 Green (44%)

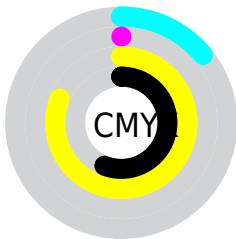
 Blue (8%)




 Red (8%)

 Yellow (44%)

 Blue (15%)

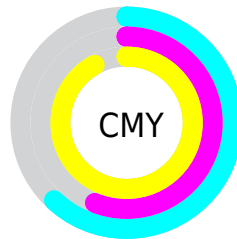


 Cyan (14%)

 Magenta (0%)

 Yellow (81%)

 Black (56%)



 Cyan (62%)

 Magenta (56%)

 Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 607015 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 607015 by changing the saturation by 10% instead.





607015



607015

FFFFFF



465800



95A449



2E4000



B1BF62



152A00



CDDB7C



001800



EAF797



000000



FFFFB2



FFFCE



FFFEB



607015



607015

■ 5E700A

■ 627020

■ 5C7000

■ 64702B

■ 667037

■ 687042

■ 6A704D

■ 6C7058

■ 6E7063

■ 70706F

■ 72707A

# Harmonies

## Analogous

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



86640F



607015



2B7835

# Triad

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



607015



0079A8



AC4375

# Complementary

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



607015



251570

# 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.



90519A



607015



0071B9

# Square

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



607015



007C87



5763B4



B1454D

# Rectangle

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



607015



007B50



5763B4



A64782



# Sweetspot

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



607015



8B916E



702415



464A35



C9C9C9



4A4A4A



# Same Dimension

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



607015



789103



337015



373832



637800



CCF700



# Inverse Universe

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



251570



1C0391



521570



333238



150078



2B00F7



# Previews

## White Background



This preview shows how the Hex color 607015 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

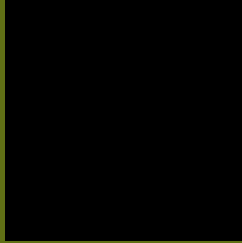
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 607015 Background



This preview shows how black text looks on a background with the Hex color 607015.



This preview shows how white text looks on a background with the Hex color 607015.

# 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**  
607015

**Protanopia**  
766913

**Deuteranopia**  
84641C



**Tritanopia**  
696871

# Trichromacy



**Original Color**  
607015

**Protanomaly**  
6E6C14

**Deuteranomaly**  
776819

**Tritanomaly**  
666B50

# Monochromacy



**Original Color**  
607015

**Achromatopsia**  
616161

**Achromatomaly**  
616645

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 607015 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 #607015 looks like.

```
.text, #text, p{  
    color:#607015  
}
```

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 #607015 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #607015
}
```

## Border

The CSS property to change the border of an element to Hex 607015 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
#607015 }
```

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

```
.border{ border-color:#607015 }
```

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

Here you see how a box with a 4 pixel #607015 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #607015; -webkit-box-shadow:4px 4px  
4px 4px #607015; box-shadow:4px 4px 4px  
4px #607015 }
```

# Background

The CSS property to change the background color of an element to Hex 607015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#607015 }
```

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

```
.background{ background-color:#607015 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor