

# Converting Colors

Hex(606603)

Have a look what the booklet for  
Hex(606603) contains.

<b>Hex(606603)</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(606603)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	606603
RGB	96, 102, 3
RGB Percent	38%, 40%, 1%
CMY	0.6235, 0.6000, 0.9882
CMYK	0.06, 0.00, 0.97, 0.60
HSL	64°, 94%, 21%
HSV	64°, 97%, 40%
XYZ	9.5917, 11.9961, 1.8961
YIQ	88.9200, 28.2030, -32.0610

# Conversions

## Conversions Part 2

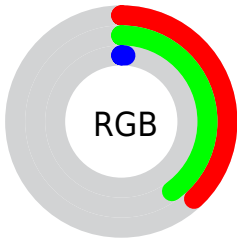
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 102, 9
Decimal	6317571
CIE <sub>Lab</sub>	41.21, -13.81, 46.80
CIE <sub>LCh</sub>	41, 48.793, 106.441
Yxy	11.9961, 0.4084, 0.5108
Android (android.graphics.Color)	4284507651 (0xFF606603)
YUV	88.9200, -42.3586, 6.2092
Hunter-Lab	34.6354, -11.1795, 20.9990

# Details

The Hex color **606603** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **090366**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **96993D**, and **2E3700** is the 20% darker color. If you saturate the color by 10%, you get **606600**, and if you desaturate by 10%, it is **61660D**.

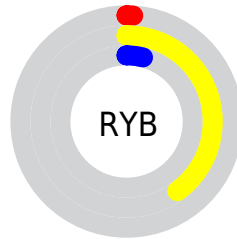
# Distribution



Red (38%)

Green (40%)

Blue (1%)



Red (1%)

Yellow (40%)

Blue (4%)

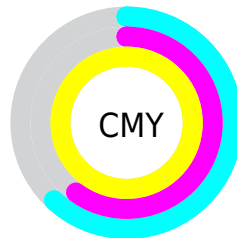


Cyan (6%)

Magenta (0%)

Yellow (97%)

Black (60%)



Cyan (62%)

Magenta (60%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 606603 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 606603 by changing the saturation by 10% instead.



 606603

 606603

 FFFFFB

 464E00

 96993D

 2E3700

 B1B456

 152200

 CECF70

 000800

 EBEB8A

 000000

 FFFFA5

 FFFFC1

 FFFFDE

 606603

 606603

■ 606600

■ 61660D

■ 616617

■ 626622

■ 62662C

■ 636636

■ 646640

■ 64664A

■ 656655

■ 66665F

# Harmonies

## Analogous

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



845907



606603



306E26

# Triad

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



606603



00729B



A03C75

# Complementary

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



606603



090366

# 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.



7F4C99



606603



006BAF

# Square

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



606603



007477



3A5EAE



A93A4D

# Rectangle

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



606603



00723F



3A5EAE



984182



# Sweetspot

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



606603



82855E



660803



41422B



C2C2C2



424242



# Same Dimension

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



606603



7D8500



306603



33332E



6C7300



E4F200



# Inverse Universe

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



090366



080085



390366



2E2E33



070073



0F00F2



# Previews

## White Background



This preview shows how the Hex color 606603 looks on a white background.

## Color Contrast Check

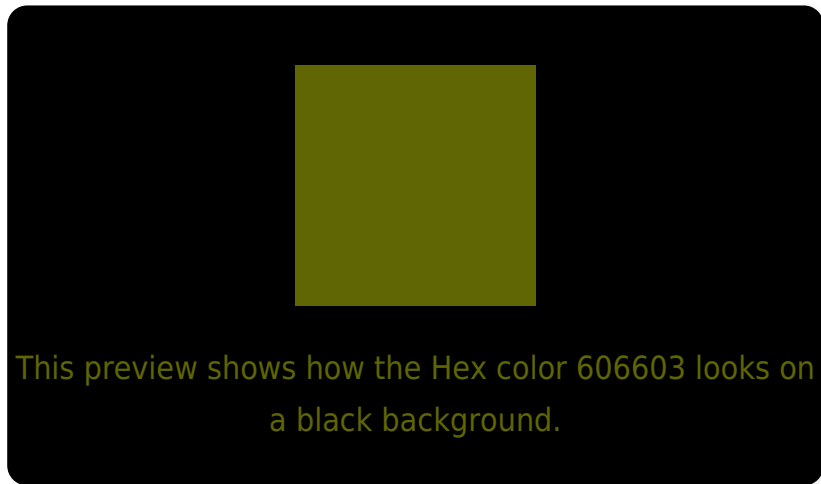
Large Text (above 18pt) WCAG AA ✓ Pass

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 606603 Background



This preview shows how black text looks on a background with the Hex color 606603.



This preview shows how white text looks on a background with the Hex color 606603.

# 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**  
606603

**Protanopia**  
6E200

**Deuteranopia**  
7B5C11



**Tritanopia**  
675F66

# Trichromacy



**Original Color**  
606603

**Protanomaly**  
696301

**Deuteranomaly**  
71600C

**Tritanomaly**  
646242

# Monochromacy



**Original Color**  
606603

**Achromatopsia**  
595959

**Achromatomaly**  
5C5E3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 606603 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 #606603 looks like.

```
.text, #text, p{  
    color:#606603  
}
```

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 #606603 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #606603
}
```

## Border

The CSS property to change the border of an element to Hex 606603 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
#606603 }
```

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

```
.border{ border-color:#606603 }
```

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

Here you see how a box with a 4 pixel #606603 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #606603; -webkit-box-shadow:4px 4px  
4px 4px #606603; box-shadow:4px 4px 4px  
4px #606603 }
```

# Background

The CSS property to change the background color of an element to Hex 606603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#606603 }
```

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

```
.background{ background-color:#606603 }
```

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