

# Converting Colors

Hex(605603)

Have a look what the booklet for  
Hex(605603) contains.

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**Color**

**Hex(605603)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	605603
RGB	96, 86, 3
RGB Percent	38%, 34%, 1%
CMY	0.6235, 0.6627, 0.9882
CMYK	0.00, 0.10, 0.97, 0.62
HSL	54°, 94%, 19%
HSV	54°, 97%, 38%
XYZ	8.1681, 9.1489, 1.4216
YIQ	79.5280, 32.6030, -23.6930

# Conversions

## Conversions Part 2

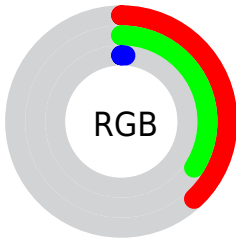
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 96, 3
Decimal	6313475
CIE Lab	36.27, -4.65, 43.03
CIE LCh	36, 43.277, 96.172
Yxy	9.1489, 0.4359, 0.4882
Android (android.graphics.Color)	4284503555 (0xFF605603)
YUV	79.5280, -37.7283, 14.4459
Hunter-Lab	30.2472, -4.7297, 18.3865

# Details

The Hex color **605603** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **030D60**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **968739**, and **2E2900** is the 20% darker color. If you saturate the color by 10%, you get **605600**, and if you desaturate by 10%, it is **60570D**.

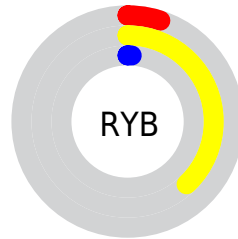
# Distribution



Red (38%)

Green (34%)

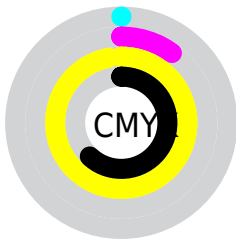
Blue (1%)



Red (5%)

Yellow (38%)

Blue (1%)

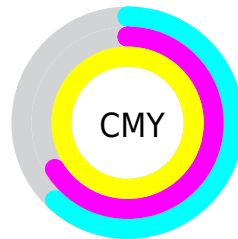


Cyan (0%)

Magenta (10%)

Yellow (97%)

Black (62%)



Cyan (62%)

Magenta (66%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 605603 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 605603 by changing the saturation by 10% instead.



 605603

 605603

 FFFFF5

 473F00

 968739

 2E2900

 B1A252

 141500

 CEBC6B

 000000

 EBD885

 FFF4A0

 FFFFBC

 FFFFD8

 605603

 605603

■ 605600

■ 60570D

■ 605816

■ 605920

■ 605A29

■ 605B33

■ 605C3D

■ 605D46

■ 605E50

■ 605F59

# Harmonies

## Analogous

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



7C4912



605603



3B5F18

# Triad

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



605603



00657E



853A72

# Complementary

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



605603



030D60

# 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.



5F498E



605603



006095

# Square

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



605603



00665C



00579B



933350

# Rectangle

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



605603



14622C



00579B



7B3E7C



# Sweetspot

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



605603



7D7959



60030E



403D29



BFBFBF



404040



# Same Dimension

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



605603



7D7000



3C6003



30302C



706400



F0D600



# Inverse Universe

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



030D60



000D7D



270360



2C2C30



000C70

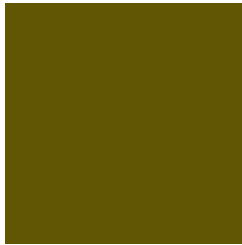


001AF0



# Previews

## White Background



This preview shows how the Hex color 605603 looks on a white background.

## Color Contrast Check

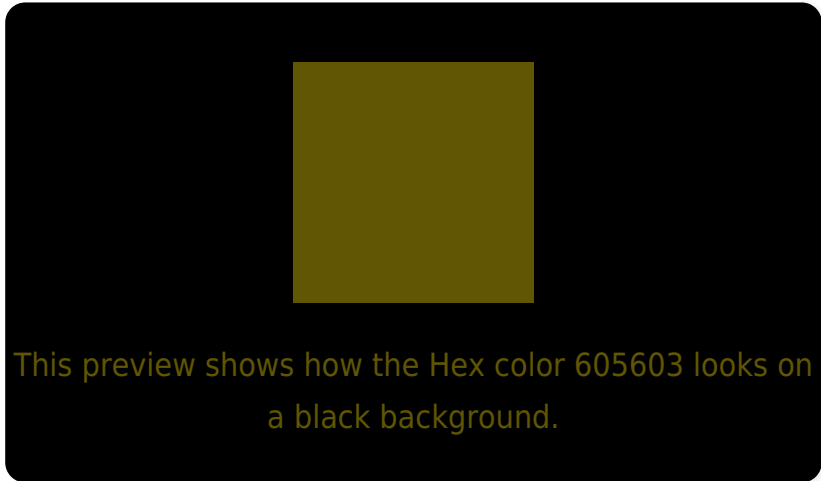
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

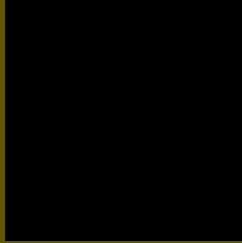
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 605603 Background



This preview shows how black text looks on a background with the Hex color 605603.



This preview shows how white text looks on a background with the Hex color 605603.

# 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**  
605603

**Protanopia**  
615603

**Deuteranopia**  
6C510B



**Tritanopia**  
655056

# Trichromacy



**Original Color**  
605603

**Protanomaly**  
615603

**Deuteranomaly**  
685308

**Tritanomaly**  
635238

# Monochromacy



**Original Color**  
605603

**Achromatopsia**  
505050

**Achromatomaly**  
565234

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 605603 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 #605603 looks like.

```
.text, #text, p{  
    color:#605603  
}
```

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 #605603 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #605603
}
```

## Border

The CSS property to change the border of an element to Hex 605603 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
#605603 }
```

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

```
.border{ border-color:#605603 }
```

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

Here you see how a box with a 4 pixel #605603 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #605603; -webkit-box-shadow:4px 4px  
4px 4px #605603; box-shadow:4px 4px 4px  
4px #605603 }
```

# Background

The CSS property to change the background color of an element to Hex 605603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#605603 }
```

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

```
.background{ background-color:#605603 }
```

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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