

# Converting Colors

Hex(605100)

Have a look what the booklet for  
Hex(605100) contains.

<b>Hex(605100)</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(605100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	605100
RGB	96, 81, 0
RGB Percent	38%, 32%, 0%
CMY	0.6235, 0.6824, 1.0000
CMYK	0.00, 0.16, 1.00, 0.62
HSL	51°, 100%, 19%
HSV	51°, 100%, 38%
XYZ	7.7663, 8.3717, 1.2066
YIQ	76.2510, 34.9410, -22.0110

# Conversions

## Conversions Part 2

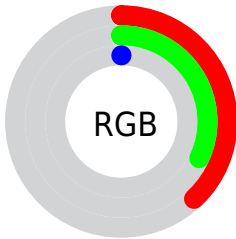
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 96, 0
Decimal	6312192
CIE Lab	34.75, -1.76, 42.90
CIE LCh	35, 42.939, 92.351
Yxy	8.3717, 0.4478, 0.4827
Android (android.graphics.Color)	4284502272 (0xFF605100)
YUV	76.2510, -37.5917, 17.3199
Hunter-Lab	28.9338, -2.7219, 17.7812

# Details

The Hex color **605100** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000F60**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **968236**, and **2D2500** is the 20% darker color. If you saturate the color by 10%, you get **605100**, and if you desaturate by 10%, it is **60530A**.

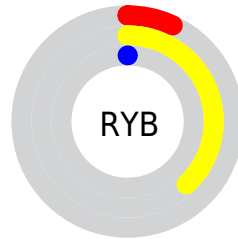
# Distribution



Red (38%)

Green (32%)

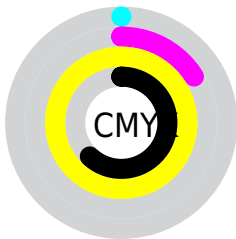
Blue (0%)



Red (7%)

Yellow (38%)

Blue (0%)

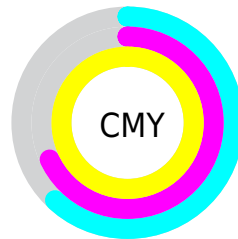


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (62%)



Cyan (62%)

Magenta (68%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 605100 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 605100 by changing the saturation by 10% instead.



 605100

 605100

 FFFFFF1

 473A00

 968236

 2D2500

 B29C4F

 131100

 CEB768

 000000

 EBD282

 FFEE9C

 FFFF88

 FFFF88

 605100

■ 60530A

■ 605413

■ 60561D

■ 605726

■ 605930

■ 605A3A

■ 605C43

■ 605D4D

■ 605F56

# Harmonies

## Analogous

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



7B4412



605100



3D5A11

# Triad

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



605100



006175



7D3872

# Complementary

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



605100



000F60

# 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.



55478C



605100



005D8E

# Square

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



605100



006253



005596



8E2F50

# Rectangle

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



605100



1B5E25



005596



723D7C



# Sweetspot

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



605100



7D7757



600010



403C29



BFBFBF



404040



# Same Dimension

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



605100



7D6900



406000



30302C



705F00



F0CA00



# Inverse Universe

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



000F60



00147D



200060



2C2C30



001270

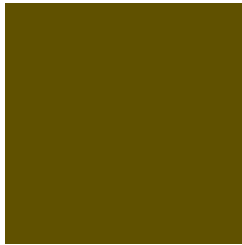


0025F0



# Previews

## White Background



This preview shows how the Hex color 605100 looks on a white background.

## Color Contrast Check

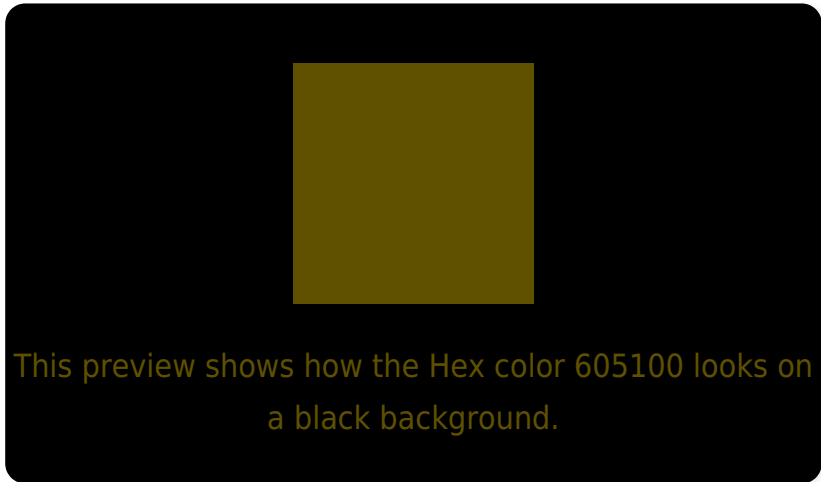
Large Text (above 18pt) WCAG AA ✓ Pass

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 605100 Background



This preview shows how black text looks on a background with the Hex color 605100.



This preview shows how white text looks on a background with the Hex color 605100.

# 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**  
605100

**Protanopia**  
5D5203

**Deuteranopia**  
684E09



**Tritanopia**  
644B51

# Trichromacy



**Original Color**  
605100

**Protanomaly**  
5E5202

**Deuteranomaly**  
654F06

**Tritanomaly**  
634D34

# Monochromacy



**Original Color**  
605100

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
534E30

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 605100 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 #605100 looks like.

```
.text, #text, p{  
    color:#605100  
}
```

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 #605100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #605100
}
```

## Border

The CSS property to change the border of an element to Hex 605100 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
#605100 }
```

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

```
.border{ border-color:#605100 }
```

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

Here you see how a box with a 4 pixel #605100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #605100; -webkit-box-shadow:4px 4px  
4px 4px #605100; box-shadow:4px 4px 4px  
4px #605100 }
```

# Background

The CSS property to change the background color of an element to Hex 605100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#605100 }
```

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

```
.background{ background-color:#605100 }
```

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