

# Converting Colors

Hex(605300)

Have a look what the booklet for  
Hex(605300) contains.

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**Color**

**Hex(605300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	605300
RGB	96, 83, 0
RGB Percent	38%, 33%, 0%
CMY	0.6235, 0.6745, 1.0000
CMYK	0.00, 0.14, 1.00, 0.62
HSL	52°, 100%, 19%
HSV	52°, 100%, 38%
XYZ	7.9171, 8.6733, 1.2568
YIQ	77.4250, 34.3910, -23.0570

# Conversions

## Conversions Part 2

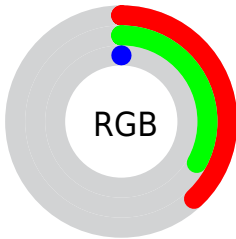
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 96, 0
Decimal	6312704
CIELab	35.35, -2.96, 43.33
CIElCh	35, 43.432, 93.911
Yxy	8.6733, 0.4436, 0.4860
Android (android.graphics.Color)	4284502784 (0xFF605300)
YUV	77.4250, -38.1705, 16.2903
Hunter-Lab	29.4505, -3.5525, 18.0851

# Details

The Hex color **605300** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000D60**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **968436**, and **2D2700** is the 20% darker color. If you saturate the color by 10%, you get **605300**, and if you desaturate by 10%, it is **60540A**.

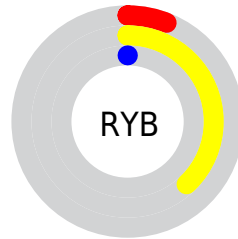
# Distribution



Red (38%)

Green (33%)

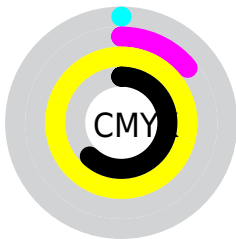
Blue (0%)



Red (6%)

Yellow (38%)

Blue (0%)

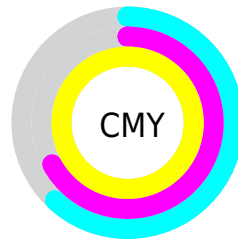


Cyan (0%)

Magenta (14%)

Yellow (100%)

Black (62%)



Cyan (62%)

Magenta (67%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 605300 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 605300 by changing the saturation by 10% instead.



 605300

 605300

 FFFFFF1

 473C00

 968436

 2D2700

 B29E4F

 141300

 CEB968

 000000

 EBD582

 FFF19D

 FFFFB9

 FFFF D5

 605300

 60540A

 605613

 60571D

 605826

 605A30

 605B3A

 605C43

 605D4D

 605F56

# Harmonies

## Analogous

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



7C4611



605300



3C5C13

# Triad

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



605300



006379



803872

# Complementary

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



605300



000D60

# 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.



59488D



605300



005F91

# Square

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



605300



006357



005699



903050

# Rectangle

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



605300



186028



005699



763D7C



# Sweetspot

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



605300



7D7857



60000E



403D29



BFBFBF



404040



# Same Dimension

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



605300



7D6C00



3E6000



30302C



706100



F0CF00



# Inverse Universe

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



000D60



00117D



220060



2C2C30



000F70

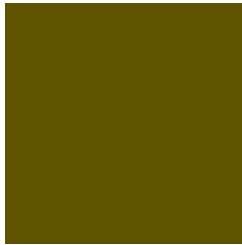


0020F0



# Previews

## White Background



This preview shows how the Hex color 605300 looks on a white background.

## Color Contrast Check

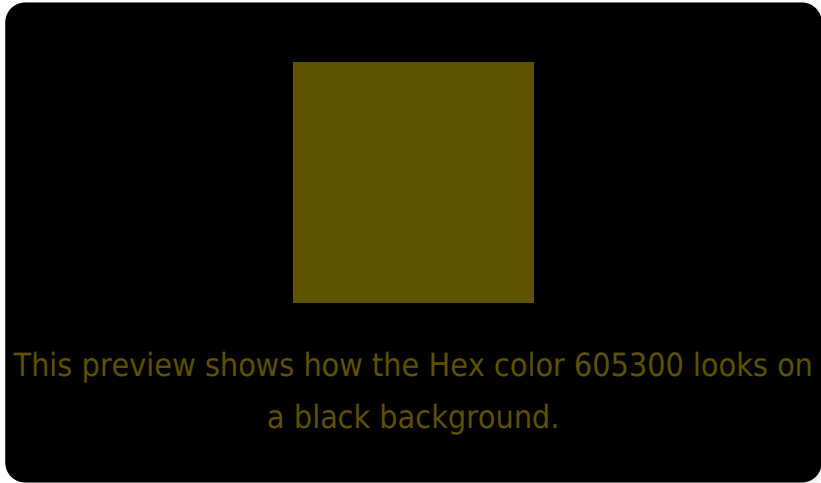
Large Text (above 18pt) WCAG AA ✓ Pass

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

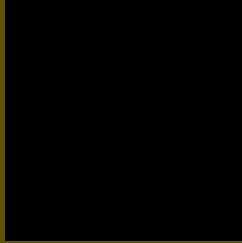
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 605300 Background



This preview shows how black text looks on a background with the Hex color 605300.



This preview shows how white text looks on a background with the Hex color 605300.

# 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**  
605300

**Protanopia**  
5E5402

**Deuteranopia**  
694F0A



**Tritanopia**  
654D53

# Trichromacy



**Original Color**  
605300

**Protanomaly**  
5F5401

**Deuteranomaly**  
665006

**Tritanomaly**  
634F35

# Monochromacy



**Original Color**  
605300

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
544F31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 605300 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 #605300 looks like.

```
.text, #text, p{  
    color:#605300  
}
```

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 #605300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #605300
}
```

## Border

The CSS property to change the border of an element to Hex 605300 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
#605300 }
```

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

```
.border{ border-color:#605300 }
```

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

Here you see how a box with a 4 pixel #605300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #605300; -webkit-box-shadow:4px 4px  
4px 4px #605300; box-shadow:4px 4px 4px  
4px #605300 }
```

# Background

The CSS property to change the background color of an element to Hex 605300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#605300 }
```

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

```
.background{ background-color:#605300 }
```

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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