

# Converting Colors

Hex(605A1A)

Have a look what the booklet for  
Hex(605A1A) contains.

<b>Hex(605A1A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(605A1A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	605A1A
RGB	96, 90, 26
RGB Percent	38%, 35%, 10%
CMY	0.6235, 0.6471, 0.8980
CMYK	0.00, 0.06, 0.73, 0.62
HSL	55°, 57%, 24%
HSV	55°, 73%, 38%
XYZ	8.6665, 9.8737, 2.4263
YIQ	84.4980, 24.1200, -18.6320

# Conversions

## Conversions Part 2

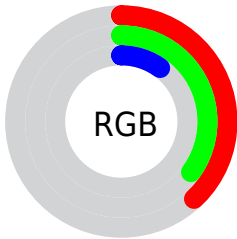
Format	Color
<b>R<sub>YB</sub></b>	33, 96, 26
Decimal	6314522
CIE Lab	37.61, -6.05, 36.16
CIE LCh	38, 36.662, 99.502
Yxy	9.8737, 0.4133, 0.4709
Android (android.graphics.Color)	4284504602 (0xFF605A1A)
YUV	84.4980, -28.8395, 10.0873
Hunter-Lab	31.4225, -5.7580, 17.4176

# Details

The Hex color **605A1A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1A2060**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **958C4A**, and **2F2D00** is the 20% darker color. If you saturate the color by 10%, you get **605910**, and if you desaturate by 10%, it is **605B24**.

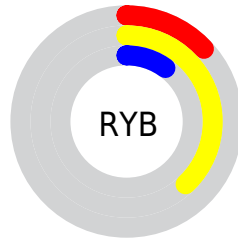
# Distribution



Red (38%)

Green (35%)

Blue (10%)



Red (13%)

Yellow (38%)

Blue (10%)

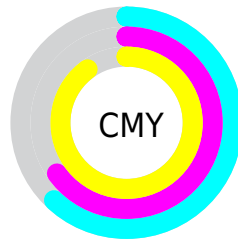


Cyan (0%)

Magenta (6%)

Yellow (73%)

Black (62%)



Cyan (62%)

Magenta (65%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 605A1A 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 605A1A by changing the saturation by 10% instead.



 605A1A

 605A1A

FFFFFF

 474301

 958C4A

 2F2D00

 B0A663

 161900

 CCC17C

 000000

 E9DD96

 FFFAB2

 FFFFCD

 FFFFEA

 605A1A

 605A1A

■ 605910

■ 605B24

■ 605807

■ 605C2D

■ 605800

■ 605C37

■ 605D40

■ 605E4A

■ 605F54

■ 60605D

■ 606167

■ 606170

# Harmonies

## Analogous

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



795020



605A1A



406128

# Triad

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



605A1A



00667D



84426E

# Complementary

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



605A1A



1A2060

# 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.



674D86



605A1A



006190

# Square

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



605A1A



006761



335993



8F3E50

# Rectangle

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



605A1A



236539



335993



7C4577



# Sweetspot

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



605A1A



7D7B61



601A21



403E2F



BFBFBF



404040



# Same Dimension

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



605A1A



7D740F



44601A



30302C



706700



F0DB00



# Inverse Universe

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



1A2060



0F187D



361A60



2C2C30



000A70



0015F0



# Previews

## White Background



This preview shows how the Hex color 605A1A looks on a white background.

## Color Contrast Check

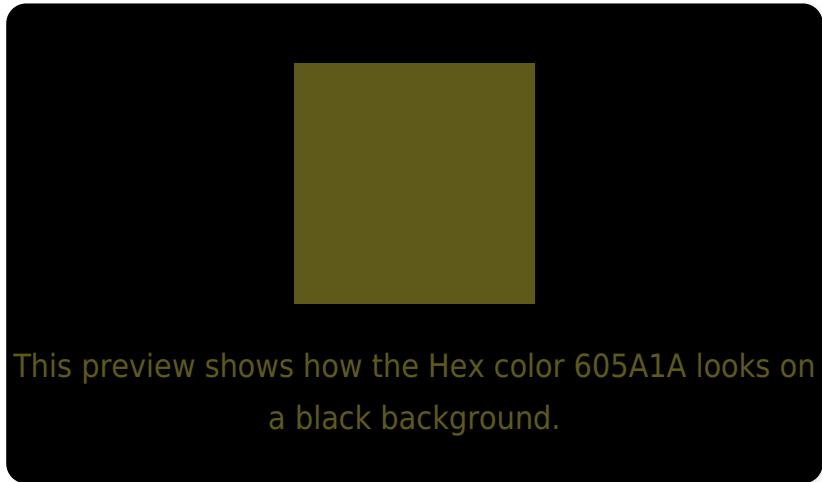
Large Text (above 18pt) WCAG AA ✓ Pass

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

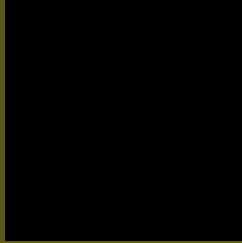
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 605A1A Background



This preview shows how black text looks on a background with the Hex color 605A1A.



This preview shows how white text looks on a background with the Hex color 605A1A.

# 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**  
605A1A

**Protanopia**  
63591A

**Deuteranopia**  
6F541C



**Tritanopia**  
65545B

# Trichromacy



**Original Color**  
605A1A

**Protanomaly**  
62591A

**Deuteranomaly**  
6A561B

**Tritanomaly**  
635643

# Monochromacy



**Original Color**  
605A1A

**Achromatopsia**  
545454

**Achromatomaly**  
58563F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 605A1A 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 #605A1A looks like.

```
.text, #text, p{  
    color:#605A1A  
}
```

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 #605A1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #605A1A
}
```

## Border

The CSS property to change the border of an element to Hex 605A1A 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
#605A1A }
```

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

```
.border{ border-color:#605A1A }
```

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

Here you see how a box with a 4 pixel #605A1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #605A1A; -webkit-box-shadow:4px 4px  
4px 4px #605A1A; box-shadow:4px 4px 4px  
4px #605A1A }
```

# Background

The CSS property to change the background color of an element to Hex 605A1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#605A1A }
```

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

```
.background{ background-color:#605A1A }
```

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