

# Converting Colors

Hex(5F4600)

Have a look what the booklet for  
Hex(5F4600) contains.

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**Color**

**Hex(5F4600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F4600
RGB	95, 70, 0
RGB Percent	37%, 27%, 0%
CMY	0.6275, 0.7255, 1.0000
CMYK	0.00, 0.26, 1.00, 0.63
HSL	44°, 100%, 19%
HSV	44°, 100%, 37%
XYZ	6.9095, 6.8132, 0.9509
YIQ	69.4950, 37.3700, -16.4700

# Conversions

## Conversions Part 2

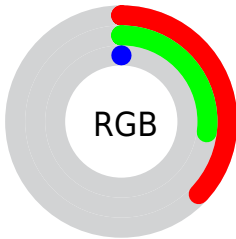
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	34, 95, 0
Decimal	6243840
CIE Lab	31.38, 4.46, 40.50
CIE LCh	31, 40.743, 83.714
Yxy	6.8132, 0.4709, 0.4643
Android (android.graphics.Color)	4284433920 (0xFF5F4600)
YUV	69.4950, -34.2610, 22.3679
Hunter-Lab	26.1021, 1.5718, 16.1115

# Details

The Hex color **5F4600** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00195F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **957633**, and **2C1B00** is the 20% darker color. If you saturate the color by 10%, you get **5F4600**, and if you desaturate by 10%, it is **5F4909**.

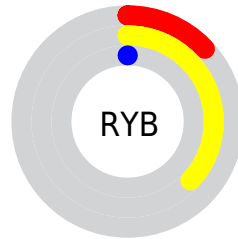
# Distribution



Red (37%)

Green (27%)

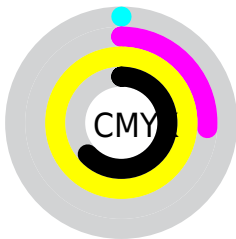
Blue (0%)



Red (13%)

Yellow (37%)

Blue (0%)

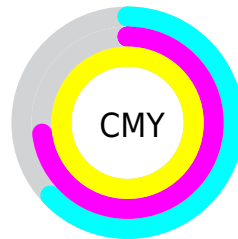


Cyan (0%)

Magenta (26%)

Yellow (100%)

Black (63%)



Cyan (63%)

Magenta (73%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F4600 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 5F4600 by changing the saturation by 10% instead.



 5F4600

 5F4600

 FFFFEC

 463000

 957633

 2C1B00

 B1904B

 120100

 CEEA64

 000000

 EBC57E

 FFE199

 FFFE84

 FFFF00

 5F4600

 5F4909

 5F4B13

 5F4E1D

 5F5026

 5F5330

 5F5539

 5F5843

 5F5A4C

 5F5D56

# Harmonies

## Analogous

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



763916



5F4600



415005

# Triad

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



5F4600



005963



6A3670

# Complementary

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



5F4600



00195F

# 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.



3C4485



5F4600



00567D

# Square

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



5F4600



005842



005089



7F2A52

# Rectangle

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



5F4600



275418



005089



5E3B78



# Sweetspot

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



5F4600



7A7156



5F0019



3D3727



BDBDBD



3D3D3D



# Same Dimension

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



5F4600



7A5A00



495F00



302F2C



705300



F0B100



# Inverse Universe

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



00195F



00207A



16005F



2C2D30



001E70

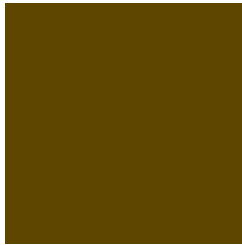


003FF0



# Previews

## White Background



This preview shows how the Hex color 5F4600 looks on a white background.

## Color Contrast Check

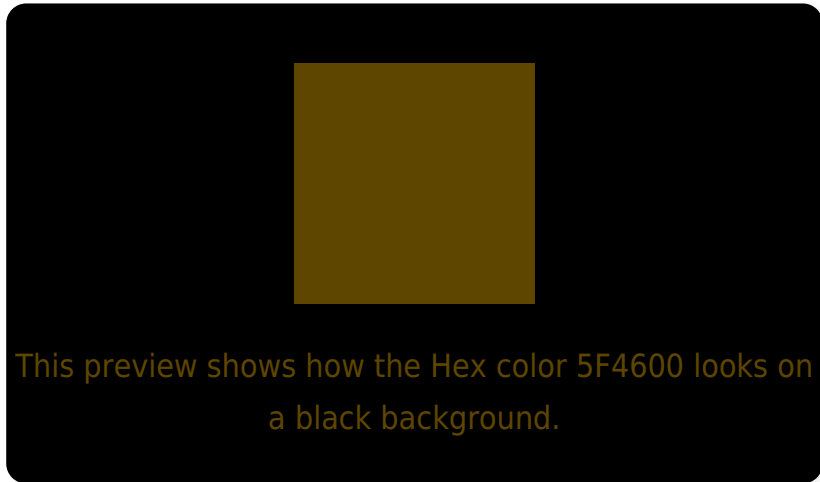
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F4600 Background



This preview shows how black text looks on a background with the Hex color 5F4600.



This preview shows how white text looks on a background with the Hex color 5F4600.

# 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**  
5F4600

**Protanopia**  
544B05

**Deuteranopia**  
5E4600



**Tritanopia**  
624146

# Trichromacy



**Original Color**  
5F4600

**Protanomaly**  
584903

**Deuteranomaly**  
5E4600

**Tritanomaly**  
61432D

# Monochromacy



**Original Color**  
5F4600

**Achromatopsia**  
454545

**Achromatomaly**  
4E452C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F4600 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 #5F4600 looks like.

```
.text, #text, p{  
    color:#5F4600  
}
```

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 #5F4600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4600
}
```

## Border

The CSS property to change the border of an element to Hex 5F4600 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
#5F4600 }
```

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

```
.border{ border-color:#5F4600 }
```

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

Here you see how a box with a 4 pixel #5F4600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4600; -webkit-box-shadow:4px 4px  
4px 4px #5F4600; box-shadow:4px 4px 4px  
4px #5F4600 }
```

# Background

The CSS property to change the background color of an element to Hex 5F4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4600 }
```

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

```
.background{ background-color:#5F4600 }
```

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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