

# Converting Colors

Hex(5C4600)

Have a look what the booklet for  
Hex(5C4600) contains.

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**Color**

**Hex(5C4600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C4600
RGB	92, 70, 0
RGB Percent	36%, 27%, 0%
CMY	0.6392, 0.7255, 1.0000
CMYK	0.00, 0.24, 1.00, 0.64
HSL	46°, 100%, 18%
HSV	46°, 100%, 36%
XYZ	6.6038, 6.6556, 0.9366
YIQ	68.5980, 35.5820, -17.1060

# Conversions

## Conversions Part 2

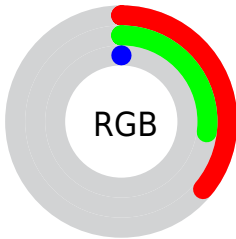
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 92, 0
Decimal	6047232
CIE <sub>Lab</sub>	31.01, 2.92, 40.07
CIE <sub>LCh</sub>	31, 40.175, 85.826
Yxy	6.6556, 0.4652, 0.4688
Android (android.graphics.Color)	4284237312 (0xFF5C4600)
YUV	68.5980, -33.8188, 20.5236
Hunter-Lab	25.7985, 0.5443, 15.9064

# Details

The Hex color **5C4600** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00165C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **927633**, and **291B00** is the 20% darker color. If you saturate the color by 10%, you get **5C4600**, and if you desaturate by 10%, it is **5C4809**.

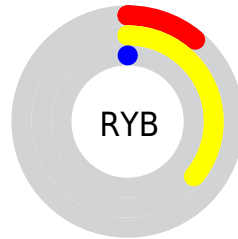
# Distribution



Red (36%)

Green (27%)

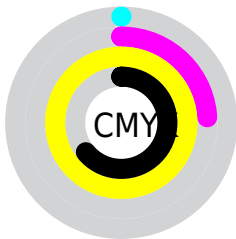
Blue (0%)



Red (11%)

Yellow (36%)

Blue (0%)

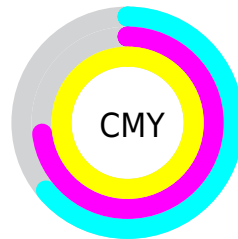


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (73%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C4600 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 5C4600 by changing the saturation by 10% instead.



 5C4600

 5C4600

 FFFFEC

 433000

 927633

 291B00

 AE8F4B

 0D0100

 CAAA64

 000000

 E7C57E

 FFE198

 FFFE84

 FFFF84

 5C4600

 5C4809

 5C4A12

 5C4D1C

 5C4F25

 5C512E

 5C5337

 5C5540

 5C584A

 5C5A53

# Harmonies

## Analogous

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



733914



5C4600



3E4F07

# Triad

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



5C4600



005763



6A346D

# Complementary

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



5C4600



00165C

# 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.



404382



5C4600



00557D

# Square

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



5C4600



005743



004E88



7E2A4F

# Rectangle

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



5C4600



23531A



004E88



5F3975



# Sweetspot

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



5C4600



786F54



5C0017



3D3827



BDBDBD



3D3D3D



# Same Dimension

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



5C4600



785B00



455C00



2E2D29



6E5300



EDB400



# Inverse Universe

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



00165C



001D78



17005C



292A2E



001A6E

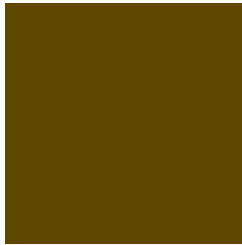


0039ED



# Previews

## White Background



This preview shows how the Hex color 5C4600 looks on a white background.

## Color Contrast Check

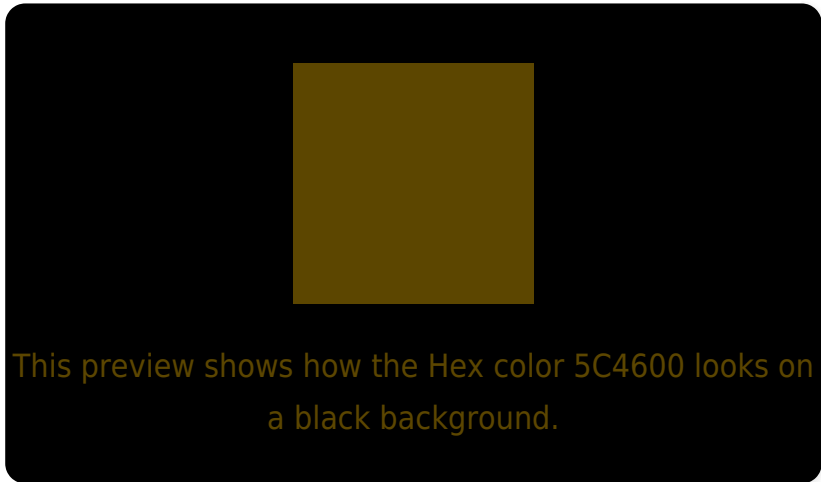
Large Text (above 18pt) WCAG AA ✓ Pass

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

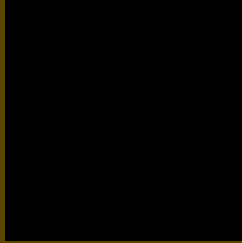
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C4600 Background



This preview shows how black text looks on a background with the Hex color 5C4600.



This preview shows how white text looks on a background with the Hex color 5C4600.

# 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**  
5C4600

**Protanopia**  
534A05

**Deuteranopia**  
5D4603



**Tritanopia**  
5F4146

# Trichromacy



**Original Color**  
5C4600

**Protanomaly**  
564903

**Deuteranomaly**  
5D4602

**Tritanomaly**  
5E432D

# Monochromacy



**Original Color**  
5C4600

**Achromatopsia**  
454545

**Achromatomaly**  
4D452C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C4600 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 #5C4600 looks like.

```
.text, #text, p{  
    color:#5C4600  
}
```

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 #5C4600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4600
}
```

## Border

The CSS property to change the border of an element to Hex 5C4600 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
#5C4600 }
```

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

```
.border{ border-color:#5C4600 }
```

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

Here you see how a box with a 4 pixel #5C4600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4600; -webkit-box-shadow:4px 4px  
4px 4px #5C4600; box-shadow:4px 4px 4px  
4px #5C4600 }
```

# Background

The CSS property to change the background color of an element to Hex 5C4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4600 }
```

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

```
.background{ background-color:#5C4600 }
```

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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