

# Converting Colors

Hex(5C2D07)

Have a look what the booklet for  
Hex(5C2D07) contains.

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**Color**

**Hex(5C2D07)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C2D07
RGB	92, 45, 7
RGB Percent	36%, 18%, 3%
CMY	0.6392, 0.8235, 0.9725
CMYK	0.00, 0.51, 0.92, 0.64
HSL	27°, 86%, 19%
HSV	27°, 92%, 36%
XYZ	5.3904, 4.1674, 0.7213
YIQ	54.7210, 40.2100, -1.8540

# Conversions

## Conversions Part 2

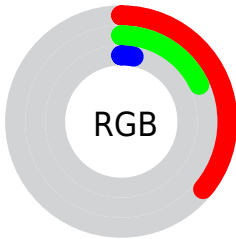
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 76, 7
Decimal	6040839
CIELab	24.22, 18.75, 31.44
CIElCh	24, 36.604, 59.186
Yxy	4.1674, 0.5244, 0.4054
Android (android.graphics.Color)	4284230919 (0xFF5C2D07)
YUV	54.7210, -23.5265, 32.6937
Hunter-Lab	20.4143, 11.4078, 12.1951

# Details

The Hex color **5C2D07** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **07365C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **935B35**, and **290000** is the 20% darker color. If you saturate the color by 10%, you get **5C2900**, and if you desaturate by 10%, it is **5C3210**.

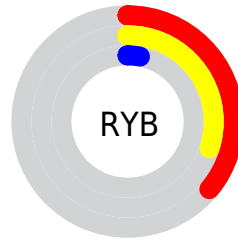
# Distribution



Red (36%)

Green (18%)

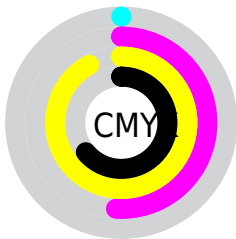
Blue (3%)



Red (36%)

Yellow (30%)

Blue (3%)

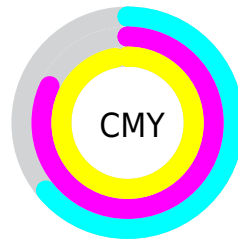


Cyan (0%)

Magenta (51%)

Yellow (92%)

Black (64%)



Cyan (64%)

Magenta (82%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C2D07 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 5C2D07 by changing the saturation by 10% instead.



 5C2D07

 5C2D07

 FFFFEB

 421700

 935B35

 290000

 AF744C

 000000

 CC8E64

 E9A97E

 FFC498

 FFE0B3

 FFFDCF

 5C2D07

 5C2D07

■ 5C2900

■ 5C3210

■ 5C3719

■ 5C3C23

■ 5C412C

■ 5C4635

■ 5C4C3E

■ 5C5147

■ 5C5651

■ 5C5B5A

# Harmonies

## Analogous

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



692120



5C2D07



473800

# Triad

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



5C2D07



004638



37336A

# Complementary

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



5C2D07



07365C

# 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.



003D71



5C2D07



004654

# Square

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



5C2D07



00441C



004369



5A2556

# Rectangle

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



5C2D07



363E00



004369



23376E



# Sweetspot

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



5C2D07



786556



5C0737



3D3228



BDBDBD



3D3D3D



# Same Dimension

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



5C2D07



783600



5C5607



2E2B29



6E3100



ED6A00



# Inverse Universe

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



07365C



004278



070D5C



292C2E



003D6E

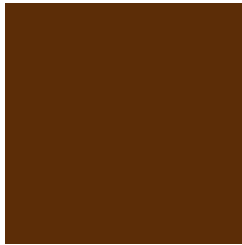


0083ED



# Previews

## White Background



This preview shows how the Hex color 5C2D07 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

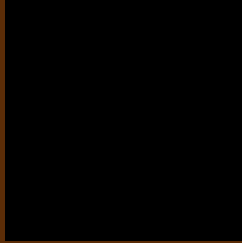
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C2D07 Background



This preview shows how black text looks on a background with the Hex color 5C2D07.



This preview shows how white text looks on a background with the Hex color 5C2D07.

# 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**  
5C2D07

**Protanopia**  
423B0B

**Deuteranopia**  
4A3700



# Trichromacy



**Original Color**  
5C2D07

**Protanomaly**  
4B360A

**Deuteranomaly**  
513303

**Tritanomaly**  
5D2B1F

# Monochromacy



**Original Color**  
5C2D07

**Achromatopsia**  
373737

**Achromatomaly**  
443326

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C2D07 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 #5C2D07 looks like.

```
.text, #text, p{  
    color:#5C2D07  
}
```

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 #5C2D07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2D07
}
```

## Border

The CSS property to change the border of an element to Hex 5C2D07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

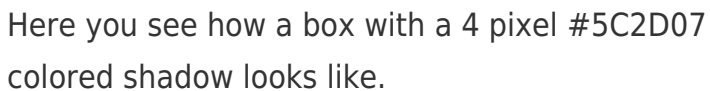
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C2D07 }
```

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

```
.border{ border-color:#5C2D07 }
```

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



Here you see how a box with a 4 pixel #5C2D07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2D07; -webkit-box-shadow:4px 4px  
4px 4px #5C2D07; box-shadow:4px 4px 4px  
4px #5C2D07 }
```

# Background

The CSS property to change the background color of an element to Hex 5C2D07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2D07 }
```

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

```
.background{ background-color:#5C2D07 }
```

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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