

# Converting Colors

Hex(5D3310)

Have a look what the booklet for  
Hex(5D3310) contains.

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**Color**

**Hex(5D3310)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D3310
RGB	93, 51, 16
RGB Percent	36%, 20%, 6%
CMY	0.6353, 0.8000, 0.9373
CMYK	0.00, 0.45, 0.83, 0.64
HSL	27°, 71%, 21%
HSV	27°, 83%, 36%
XYZ	5.7916, 4.7322, 1.0984
YIQ	59.5680, 36.2670, -1.9810

# Conversions

## Conversions Part 2

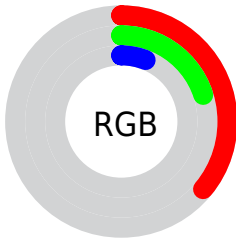
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 80, 16
Decimal	6107920
CIELab	25.96, 15.90, 29.13
CIELCh	26, 33.184, 61.369
Yxy	4.7322, 0.4983, 0.4072
Android (android.graphics.Color)	4284298000 (0xFF5D3310)
YUV	59.5680, -21.4790, 29.3199
Hunter-Lab	21.7537, 9.4538, 12.2339

# Details

The Hex color **5D3310** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **103A5D**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **93623D**, and **2A0800** is the 20% darker color. If you saturate the color by 10%, you get **5D2E07**, and if you desaturate by 10%, it is **5D3819**.

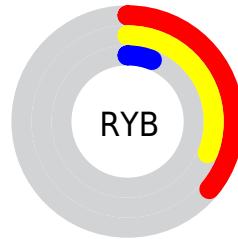
# Distribution



Red (36%)

Green (20%)

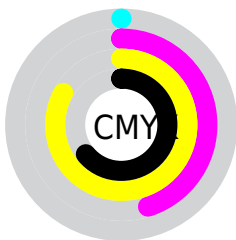
Blue (6%)



Red (36%)

Yellow (31%)

Blue (6%)

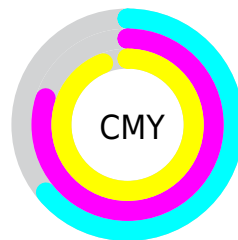


Cyan (0%)

Magenta (45%)

Yellow (83%)

Black (64%)



Cyan (64%)

Magenta (80%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D3310 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 5D3310 by changing the saturation by 10% instead.



 5D3310

 5D3310

 FFFFF4

 441D00

 93623D

 2A0800

 AF7B54

 000000

 CC956D

 E9AF86

 FFCBA1

 FFE7BC

 FFFFD8

 5D3310

 5D3310

■ 5D2E07

■ 5D3819

■ 5D2A00

■ 5D3D23

■ 5D422C

■ 5D4735

■ 5D4C3F

■ 5D5148

■ 5D5751

■ 5D5C5A

■ 5D6164

# Harmonies

## Analogous

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



692925



5D3310



493D05

# Triad

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



5D3310



00493E



3F3669

# Complementary

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



5D3310



103A5D

# 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.



004070



5D3310



004957

# Square

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



5D3310



044824



004669



5D2B56

# Rectangle

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



5D3310



394209



004669



303A6D



# Sweetspot

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



5D3310



78685A



5D103A



3D332B



BDBDBD



3D3D3D



# Same Dimension

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



5D3310



783701



5D5910



2E2B29



6E3200



ED6C00



# Inverse Universe

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



103A5D



014278



10145D



292C2E



003C6E



0081ED



# Previews

## White Background



This preview shows how the Hex color 5D3310 looks on a white background.

## Color Contrast Check

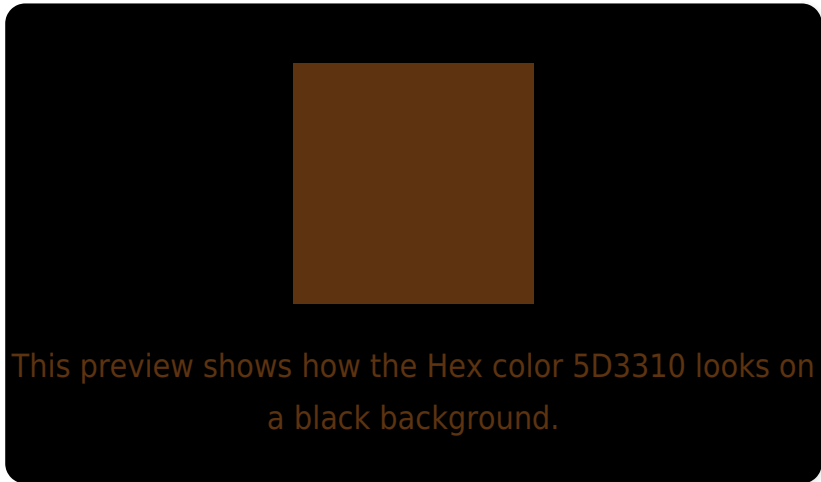
Large Text (above 18pt) WCAG AA ✓ Pass

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

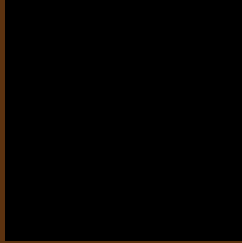
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D3310 Background



This preview shows how black text looks on a background with the Hex color 5D3310.



This preview shows how white text looks on a background with the Hex color 5D3310.

# 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**  
5D3310

**Protanopia**  
463E13

**Deuteranopia**  
4E3B0C



**Tritanopia**  
5F3033

# Trichromacy



**Original Color**  
5D3310

**Protanomaly**  
4E3A12

**Deuteranomaly**  
53380D

**Tritanomaly**  
5E3126

# Monochromacy



**Original Color**  
5D3310

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
48392C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D3310 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 #5D3310 looks like.

```
.text, #text, p{  
    color:#5D3310  
}
```

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 #5D3310 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3310
}
```

## Border

The CSS property to change the border of an element to Hex 5D3310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

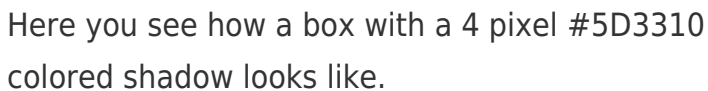
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D3310 }
```

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

```
.border{ border-color:#5D3310 }
```

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



Here you see how a box with a 4 pixel #5D3310 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3310; -webkit-box-shadow:4px 4px  
4px 4px #5D3310; box-shadow:4px 4px 4px  
4px #5D3310 }
```

# Background

The CSS property to change the background color of an element to Hex 5D3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3310 }
```

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

```
.background{ background-color:#5D3310 }
```

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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