

Converting Colors

Hex(57330D)

Have a look what the booklet for
Hex(57330D) contains.

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Color

Hex(57330D)

Conversions

Conversions Part 1

Format	Color
Hex	57330D
RGB	87, 51, 13
RGB Percent	34%, 20%, 5%
CMY	0.6588, 0.8000, 0.9490
CMYK	0.00, 0.41, 0.85, 0.66
HSL	31°, 74%, 20%
HSV	31°, 85%, 34%
XYZ	5.1870, 4.4229, 0.9611
YIQ	57.4320, 33.6540, -4.1860

Conversions

Conversions Part 2

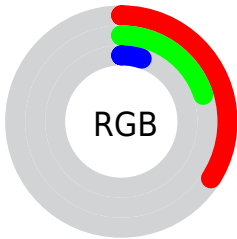
Format	Color
R_{YB}	83, 87, 13
Decimal	5714701
CIE _{Lab}	25.02, 12.83, 29.40
CIE _{LCh}	25, 32.074, 66.421
Yxy	4.4229, 0.4907, 0.4184
Android (android.graphics.Color)	4283904781 (0xFF57330D)
YUV	57.4320, -21.9050, 25.9311
Hunter-Lab	21.0308, 7.2206, 12.0120

Details

The Hex color **57330D** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0D3157**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8C623A**, and **250700** is the 20% darker color. If you saturate the color by 10%, you get **572F04**, and if you desaturate by 10%, it is **573716**.

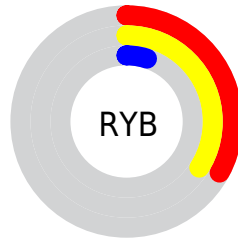
Distribution



Red (34%)

Green (20%)

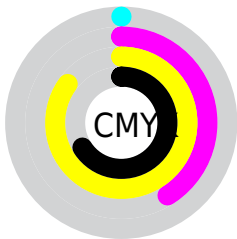
Blue (5%)



Red (33%)

Yellow (34%)

Blue (5%)

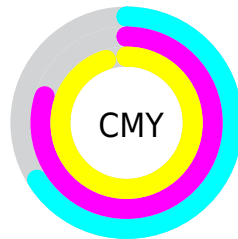


Cyan (0%)

Magenta (41%)

Yellow (85%)

Black (66%)



Cyan (66%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57330D 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 57330D by changing the saturation by 10% instead.

 57330D

 57330D

 FFFFFF1

 3E1E00

 8C623A

 250700

 A87A51

 000000

 C4946A

 E1AF83

 FFCA9E

 FFE6B9

 FFFFD4

 57330D

 57330D

■ 572F04

■ 573716

■ 572D00

■ 573B1E

■ 574027

■ 574430

■ 574839

■ 574C41

■ 57514A

■ 575553

■ 57595B

Harmonies

Analogous

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



642920



57330D



433C05

Triad

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



57330D



004740



433363

Complementary

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



57330D



0D3157

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.



0B3C6C



57330D



004658

Square

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



57330D



004627



004368



5D284F

Rectangle

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



57330D



33400B



004368



363667

Sweetspot

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



57330D



706253



570D32



383027



B8B8B8



383838

Same Dimension

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



57330D



703A00



57570D



2B2927



6B3700



EB7800

Inverse Universe

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



0D3157



003770



0D0D57



27292B



00346B



0072EB

Previews

White Background



This preview shows how the Hex color 57330D looks on a white background.

Color Contrast Check

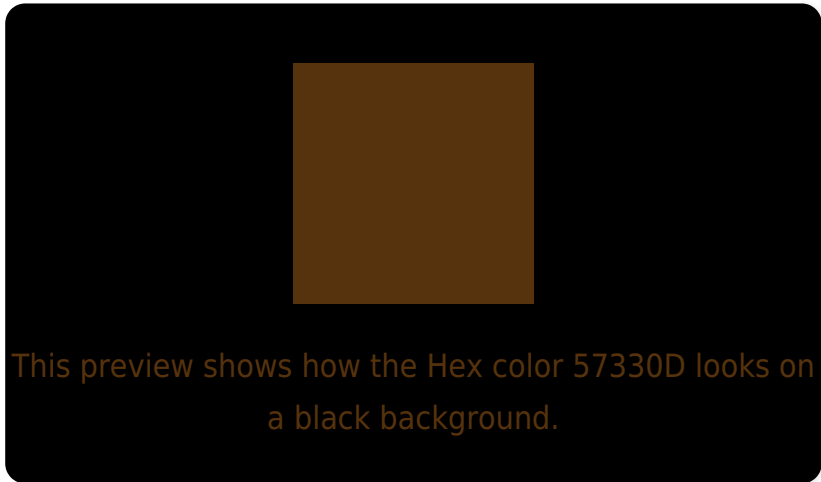
Large Text (above 18pt) WCAG AA ✓ Pass

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

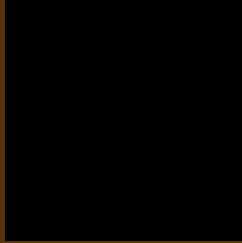
Any Text WCAG AA × Fail

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 57330D Background



This preview shows how black text looks on a background with the Hex color 57330D.



This preview shows how white text looks on a background with the Hex color 57330D.

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
57330D

Protanopia
433C0F

Deuteranopia
4C390A



Tritanopia
593033

Trichromacy



Original Color
57330D

Protanomaly
4A390E

Deuteranomaly
50370B

Tritanomaly
583125

Monochromacy



Original Color
57330D

Achromatopsia
393939

Achromatomaly
443729

CSS Examples

Text

The CSS property to change the color of the text to Hex 57330D 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 #57330D looks like.

```
.text, #text, p{  
    color:#57330D  
}
```

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 #57330D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57330D }  
}
```

Border

The CSS property to change the border of an element to Hex 57330D 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".

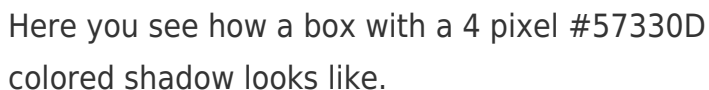
```
.border, #border, table{ border:4px solid #57330D }  
}
```

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

```
.border{ border-color:#57330D }
```

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

Here you see how a box with a 4 pixel #57330D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57330D; -webkit-box-shadow:4px 4px  
4px 4px #57330D; box-shadow:4px 4px 4px  
4px #57330D }
```

Background

The CSS property to change the background color of an element to Hex 57330D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57330D }
```

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

```
.background{ background-color:#57330D }
```

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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