

Converting Colors

Hex(5E330A)

Have a look what the booklet for
Hex(5E330A) contains.

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Color

Hex(5E330A)

Conversions

Conversions Part 1

Format	Color
Hex	5E330A
RGB	94, 51, 10
RGB Percent	37%, 20%, 4%
CMY	0.6314, 0.8000, 0.9608
CMYK	0.00, 0.46, 0.89, 0.63
HSL	29°, 81%, 20%
HSV	29°, 89%, 37%
XYZ	5.8547, 4.7693, 0.8991
YIQ	59.1830, 38.7890, -3.6350

Conversions

Conversions Part 2

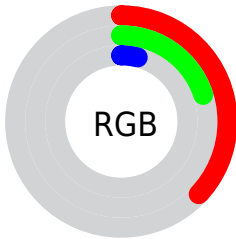
Format	Color
R_{YB}	94, 90, 10
Decimal	6173450
CIE _{Lab}	26.07, 16.14, 32.08
CIE _{LCh}	26, 35.915, 63.290
Yxy	4.7693, 0.5081, 0.4139
Android (android.graphics.Color)	4284363530 (0xFF5E330A)
YUV	59.1830, -24.2472, 30.5345
Hunter-Lab	21.8386, 9.6364, 12.8459

Details

The Hex color **5E330A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0A355E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **956238**, and **2A0800** is the 20% darker color. If you saturate the color by 10%, you get **5E2E01**, and if you desaturate by 10%, it is **5E3813**.

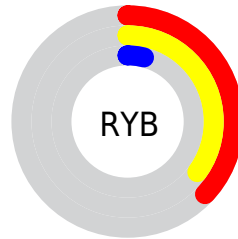
Distribution



 Red (37%)

 Green (20%)

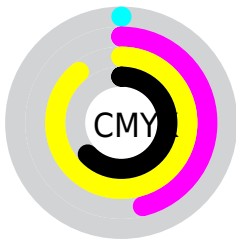
 Blue (4%)



 Red (37%)

 Yellow (35%)

 Blue (4%)

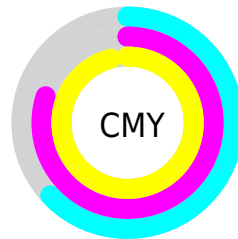


 Cyan (0%)

 Magenta (46%)

 Yellow (89%)

 Black (63%)



 Cyan (63%)

 Magenta (80%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E330A 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 5E330A by changing the saturation by 10% instead.

 5E330A

 5E330A

 FFFFEF

 441D00

 956238

 2A0800

 B17B4F

 000000

 CD9568

 EBAF81

 FFCB9B

 FFE7B6

 FFFFD2

 5E330A

 5E330A

■ 5E2E01

■ 5E3813

■ 5E2E00

■ 5E3D1D

■ 5E4126

■ 5E4630

■ 5E4B39

■ 5E5042

■ 5E554C

■ 5E5955

■ 5E5E5F

Harmonies

Analogous

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



6C2721



5E330A



483D00

Triad

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



5E330A



004A40



42356C

Complementary

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



5E330A



0A355E

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.



004074



5E330A



004A5B

Square

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



5E330A



004924



00476E



612957

Rectangle

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



5E330A



364304



00476E



313970

Sweetspot

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



5E330A



7A6959



5E0A35



3D332A



BDBDBD



3D3D3D

Same Dimension

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



5E330A



7A3C00



5E5D0A



2E2C29



6E3600



ED7400

Inverse Universe

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



0A355E



003F7A



0A0B5E



292C2E



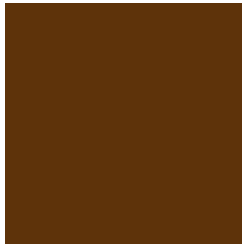
00386E



0079ED

Previews

White Background



This preview shows how the Hex color 5E330A looks on a white background.

Color Contrast Check

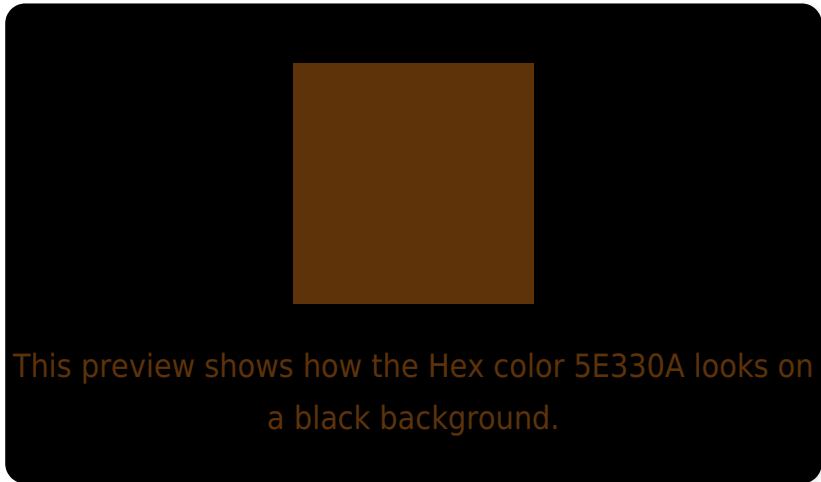
Large Text (above 18pt) WCAG AA ✓ Pass

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

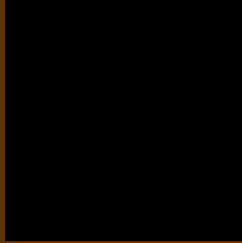
Any Text WCAG AA × Fail

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 5E330A Background



This preview shows how black text looks on a background with the Hex color 5E330A.



This preview shows how white text looks on a background with the Hex color 5E330A.

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
5E330A

Protanopia
463F0D

Deuteranopia
4F3B00



Tritanopia
603033

Trichromacy



Original Color
5E330A

Protanomaly
4F3B0C

Deuteranomaly
543804

Tritanomaly
5F3124

Monochromacy



Original Color
5E330A

Achromatopsia
3B3B3B

Achromatomaly
483829

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E330A 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 #5E330A looks like.

```
.text, #text, p{  
    color:#5E330A  
}
```

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 #5E330A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E330A
}
```

Border

The CSS property to change the border of an element to Hex 5E330A 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
#5E330A }
```

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

```
.border{ border-color:#5E330A }
```

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

Here you see how a box with a 4 pixel #5E330A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E330A; -webkit-box-shadow:4px 4px  
4px 4px #5E330A; box-shadow:4px 4px 4px  
4px #5E330A }
```

Background

The CSS property to change the background color of an element to Hex 5E330A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E330A }
```

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

```
.background{ background-color:#5E330A }
```

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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