

Converting Colors

Hex(5E5B0A)

Have a look what the booklet for
Hex(5E5B0A) contains.

Hex(5E5B0A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5E5B0A)

Conversions

Conversions Part 1

Format	Color
Hex	5E5B0A
RGB	94, 91, 10
RGB Percent	37%, 36%, 4%
CMY	0.6314, 0.6431, 0.9608
CMYK	0.00, 0.03, 0.89, 0.63
HSL	58°, 81%, 20%
HSV	58°, 89%, 37%
XYZ	8.4120, 9.8838, 1.7516
YIQ	82.6630, 27.7890, -24.5550

Conversions

Conversions Part 2

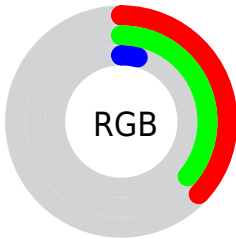
Format	Color
R_{YB}	13, 94, 10
Decimal	6183690
CIE _{Lab}	37.63, -8.36, 41.98
CIE _{LCh}	38, 42.806, 101.256
Yxy	9.8838, 0.4196, 0.4930
Android (android.graphics.Color)	4284373770 (0xFF5E5B0A)
YUV	82.6630, -35.8229, 9.9425
Hunter-Lab	31.4385, -7.2562, 18.7036

Details

The Hex color **5E5B0A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0A0D5E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **938D3E**, and **2C2E00** is the 20% darker color. If you saturate the color by 10%, you get **5E5B01**, and if you desaturate by 10%, it is **5E5B13**.

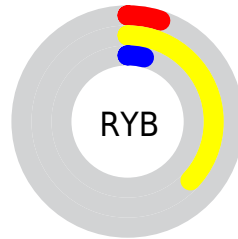
Distribution



Red (37%)

Green (36%)

Blue (4%)



Red (5%)

Yellow (37%)

Blue (4%)

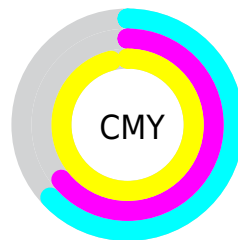


Cyan (0%)

Magenta (3%)

Yellow (89%)

Black (63%)



Cyan (63%)

Magenta (64%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E5B0A 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 5E5B0A by changing the saturation by 10% instead.

 5E5B0A

 5E5B0A

 FFFFFB

 454400

 938D3E

 2C2E00

 AFA757

 131A00

 CBC271

 000000

 E8DE8B

 FFFBA6

 FFFFC1

 FFFFDE

 5E5B0A

 5E5B0A

■ 5E5B01

■ 5E5B13

■ 5E5B00

■ 5E5C1D

■ 5E5C26

■ 5E5C30

■ 5E5D39

■ 5E5D42

■ 5E5D4C

■ 5E5E55

■ 5E5E5F

Harmonies

Analogous

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



7C4F12



5E5B0A



386321

Triad

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



5E5B0A



006885



8C3B70

Complementary

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



5E5B0A



0A0D5E

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.



6B4A8D



5E5B0A



00629A

Square

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



5E5B0A



006965



29589D



97374D

Rectangle

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



5E5B0A



066636



29589D



83407A

Sweetspot

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



5E5B0A



7A7959



5E0A0E



3D3D2A



BDBDBD



3D3D3D

Same Dimension

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



5E5B0A



7A7600



385E0A



2E2E29



6E6A00



EDE500

Inverse Universe

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



0A0D5E



00047A



300A5E



29292E



00046E



0008ED

Previews

White Background



This preview shows how the Hex color 5E5B0A looks on a white background.

Color Contrast Check

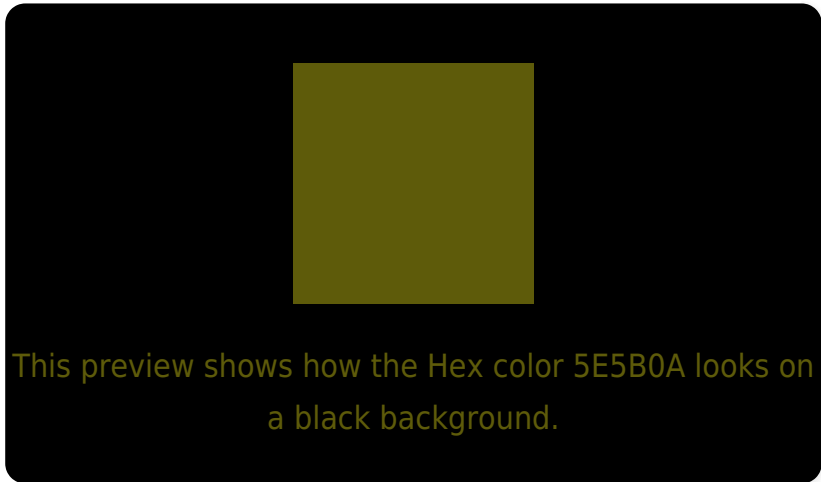
Large Text (above 18pt) WCAG AA ✓ Pass

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

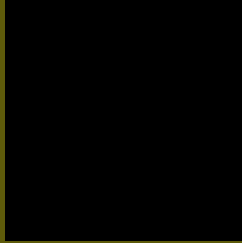
Any Text WCAG AA × Fail

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 5E5B0A Background



This preview shows how black text looks on a background with the Hex color 5E5B0A.



This preview shows how white text looks on a background with the Hex color 5E5B0A.

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
5E5B0A

Protanopia
645909

Deuteranopia
705410



Tritanopia
64555B

Trichromacy



Original Color
5E5B0A

Protanomaly
625A09

Deuteranomaly
69570E

Tritanomaly
62573E

Monochromacy



Original Color
5E5B0A

Achromatopsia
535353

Achromatomaly
575638

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E5B0A 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 #5E5B0A looks like.

```
.text, #text, p{  
    color:#5E5B0A  
}
```

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 #5E5B0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E5B0A
}
```

Border

The CSS property to change the border of an element to Hex 5E5B0A 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
#5E5B0A }
```

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

```
.border{ border-color:#5E5B0A }
```

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

Here you see how a box with a 4 pixel #5E5B0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E5B0A; -webkit-box-shadow:4px 4px  
4px 4px #5E5B0A; box-shadow:4px 4px 4px  
4px #5E5B0A }
```

Background

The CSS property to change the background color of an element to Hex 5E5B0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E5B0A }
```

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

```
.background{ background-color:#5E5B0A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor