

Converting Colors

Hex(5B5E05)

Have a look what the booklet for
Hex(5B5E05) contains.

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Color

Hex(5B5E05)

Conversions

Conversions Part 1

Format	Color
Hex	5B5E05
RGB	91, 94, 5
RGB Percent	36%, 37%, 2%
CMY	0.6431, 0.6314, 0.9804
CMYK	0.03, 0.00, 0.95, 0.63
HSL	62°, 90%, 19%
HSV	62°, 95%, 37%
XYZ	8.3445, 10.2405, 1.6804
YIQ	82.9570, 26.7810, -28.3150

Conversions

Conversions Part 2

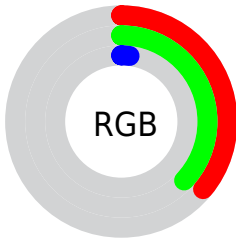
Format	Color
R_{YB}	5, 94, 8
Decimal	5987845
CIE _{Lab}	38.27, -11.70, 43.78
CIE _{LCh}	38, 45.313, 104.966
Yxy	10.2405, 0.4118, 0.5053
Android (android.graphics.Color)	4284177925 (0xFF5B5E05)
YUV	82.9570, -38.4328, 7.0537
Hunter-Lab	32.0008, -9.4560, 19.2872

Details

The Hex color **5B5E05** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **08055E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **90903C**, and **293000** is the 20% darker color. If you saturate the color by 10%, you get **5B5E00**, and if you desaturate by 10%, it is **5B5E0E**.

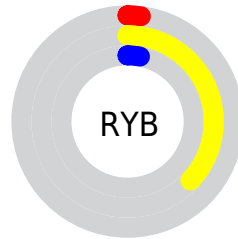
Distribution



Red (36%)

Green (37%)

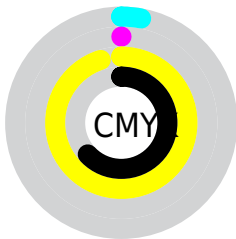
Blue (2%)



Red (2%)

Yellow (37%)

Blue (3%)

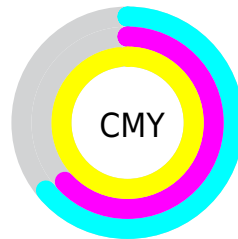


Cyan (3%)

Magenta (0%)

Yellow (95%)

Black (63%)



Cyan (64%)

Magenta (63%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5E05 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 5B5E05 by changing the saturation by 10% instead.

 5B5E05

 5B5E05

 FFFFF8

 424600

 90903C

 293000

 ACAB55

 0F1C00

 C8C66F

 000000

 E4E289

 FFFE44

 FFFFBF

 FFFFDC

 5B5E05

 5B5E05

■ 5B5E00

■ 5B5E0E

■ 5C5E18

■ 5C5E21

■ 5C5E2B

■ 5D5E34

■ 5D5E3D

■ 5D5E47

■ 5E5E50

■ 5E5E5A

Harmonies

Analogous

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



7B520A



5B5E05



306622

Triad

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



5B5E05



00698D



93396E

Complementary

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



5B5E05



08055E

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.



73488E



5B5E05



0063A1

Square

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



5B5E05



006B6C



3258A1



9C3649

Rectangle

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



5B5E05



006939



3258A1



8B3D7A

Sweetspot

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



5B5E05



797A58



5E0805



3C3D28



BDBDBD



3D3D3D

Same Dimension

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



5B5E05



767A00



2F5E05



2E2E29



6A6E00



E5ED00

Inverse Universe

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



08055E



04007A



34055E



29292E



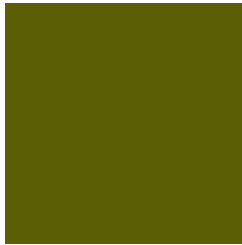
04006E



0800ED

Previews

White Background



This preview shows how the Hex color 5B5E05 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

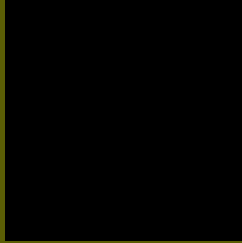
Any Text WCAG AA × Fail

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 5B5E05 Background



This preview shows how black text looks on a background with the Hex color 5B5E05.



This preview shows how white text looks on a background with the Hex color 5B5E05.

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
5B5E05

Protanopia
665A00

Deuteranopia
72560F



Tritanopia
61575E

Trichromacy



Original Color
5B5E05

Protanomaly
625B02

Deuteranomaly
6A590B

Tritanomaly
5F5A3E

Monochromacy



Original Color
5B5E05

Achromatopsia
535353

Achromatomaly
565737

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5E05 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 #5B5E05 looks like.

```
.text, #text, p{  
    color:#5B5E05  
}
```

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 #5B5E05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5E05
}
```

Border

The CSS property to change the border of an element to Hex 5B5E05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

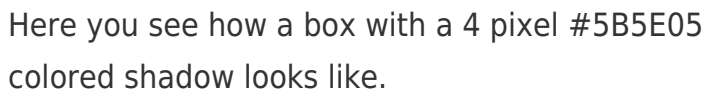
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5E05 }
```

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

```
.border{ border-color:#5B5E05 }
```

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



Here you see how a box with a 4 pixel #5B5E05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5E05; -webkit-box-shadow:4px 4px  
4px 4px #5B5E05; box-shadow:4px 4px 4px  
4px #5B5E05 }
```

Background

The CSS property to change the background color of an element to Hex 5B5E05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5E05 }
```

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

```
.background{ background-color:#5B5E05 }
```

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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