

Converting Colors

Hex(5B4F0C)

Have a look what the booklet for
Hex(5B4F0C) contains.

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Color

Hex(5B4F0C)

Conversions

Conversions Part 1

Format	Color
Hex	5B4F0C
RGB	91, 79, 12
RGB Percent	36%, 31%, 5%
CMY	0.6431, 0.6902, 0.9529
CMYK	0.00, 0.13, 0.87, 0.64
HSL	51°, 77%, 20%
HSV	51°, 87%, 36%
XYZ	7.1767, 7.8427, 1.4834
YIQ	74.9500, 28.6590, -18.2930

Conversions

Conversions Part 2

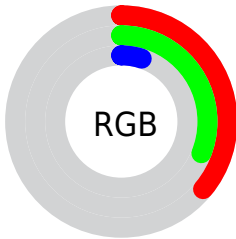
Format	Color
R_{YB}	26, 91, 12
Decimal	5984012
CIE _{Lab}	33.65, -2.69, 37.84
CIE _{LCh}	34, 37.937, 94.065
Yxy	7.8427, 0.4349, 0.4752
Android (android.graphics.Color)	4284174092 (0xFF5B4F0C)
YUV	74.9500, -31.0343, 14.0759
Hunter-Lab	28.0047, -3.2644, 16.4628

Details

The Hex color **5B4F0C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **0C185B**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **90803D**, and **292300** is the 20% darker color. If you saturate the color by 10%, you get **5B4E03**, and if you desaturate by 10%, it is **5B5015**.

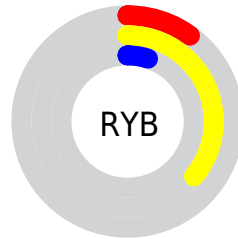
Distribution



Red (36%)

Green (31%)

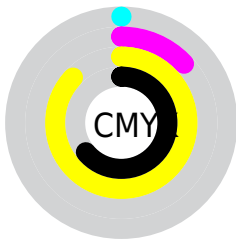
Blue (5%)



Red (10%)

Yellow (36%)

Blue (5%)

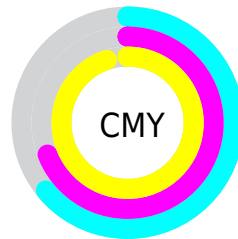


Cyan (0%)

Magenta (13%)

Yellow (87%)

Black (64%)



Cyan (64%)

Magenta (69%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4F0C 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 5B4F0C by changing the saturation by 10% instead.

 5B4F0C

 5B4F0C

 FFFFF8

 423800

 90803D

 292300

 AB9A56

 0D0E00

 C8B46F

 000000

 E4D089

 FFECA4

 FFFFBF

 FFFFDB

 5B4F0C

 5B4F0C

■ 5B4E03

■ 5B5015

■ 5B4D00

■ 5B521E

■ 5B5327

■ 5B5530

■ 5B563A

■ 5B5743

■ 5B594C

■ 5B5A55

■ 5B5B5E

Harmonies

Analogous

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



734417



5B4F0C



3C5719

Triad

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



5B4F0C



005D70



77396A

Complementary

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



5B4F0C



0C185B

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.



554581



5B4F0C



005985

Square

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



5B4F0C



005E52



08518B



85334C

Rectangle

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



5B4F0C



1F5A2A



08518B



6E3D73

Sweetspot

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



5B4F0C



757157



5B0C19



3B3828



BABABA



3B3B3B

Same Dimension

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



5B4F0C



756300



415B0C



2E2D29



6E5D00



EDC900

Inverse Universe

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



0C185B



001275



260C5B



292A2E



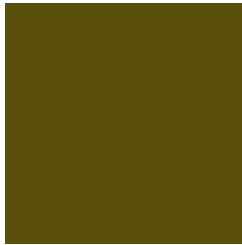
00116E



0024ED

Previews

White Background



This preview shows how the Hex color 5B4F0C looks on a white background.

Color Contrast Check

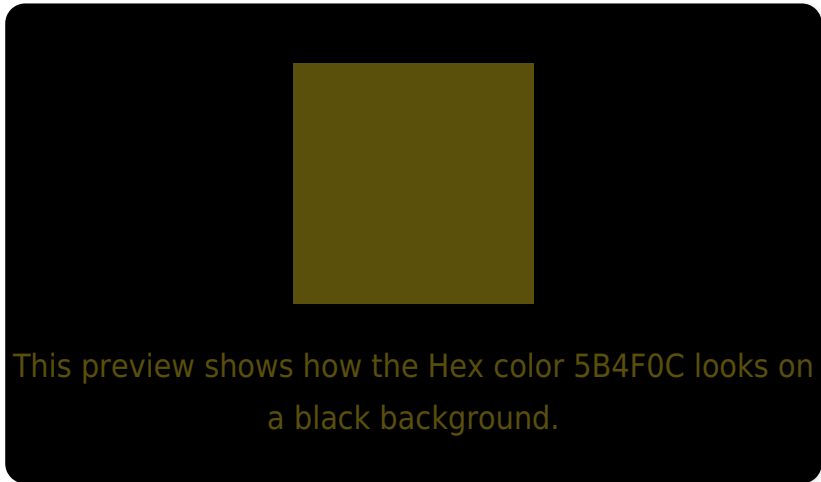
Large Text (above 18pt) WCAG AA ✓ Pass

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

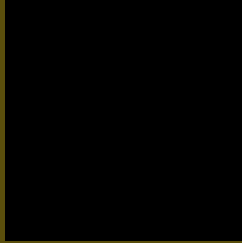
Any Text WCAG AA × Fail

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 5B4F0C Background



This preview shows how black text looks on a background with the Hex color 5B4F0C.



This preview shows how white text looks on a background with the Hex color 5B4F0C.

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
5B4F0C

Protanopia
59500C

Deuteranopia
644B0F



Tritanopia
5F4A4F

Trichromacy



Original Color
5B4F0C

Protanomaly
5A500C

Deuteranomaly
614C0E

Tritanomaly
5E4C37

Monochromacy



Original Color
5B4F0C

Achromatopsia
4B4B4B

Achromatomaly
514C34

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4F0C 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 #5B4F0C looks like.

```
.text, #text, p{  
    color:#5B4F0C  
}
```

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 #5B4F0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4F0C
}
```

Border

The CSS property to change the border of an element to Hex 5B4F0C 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
#5B4F0C }
```

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

```
.border{ border-color:#5B4F0C }
```

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

Here you see how a box with a 4 pixel #5B4F0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4F0C; -webkit-box-shadow:4px 4px  
4px 4px #5B4F0C; box-shadow:4px 4px 4px  
4px #5B4F0C }
```

Background

The CSS property to change the background color of an element to Hex 5B4F0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4F0C }
```

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

```
.background{ background-color:#5B4F0C }
```

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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