

Converting Colors

Hex(5B4E09)

Have a look what the booklet for
Hex(5B4E09) contains.

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Color

Hex(5B4E09)

Conversions

Conversions Part 1

Format	Color
Hex	5B4E09
RGB	91, 78, 9
RGB Percent	36%, 31%, 4%
CMY	0.6431, 0.6941, 0.9647
CMYK	0.00, 0.14, 0.90, 0.64
HSL	50°, 82%, 20%
HSV	50°, 90%, 36%
XYZ	7.0881, 7.6926, 1.3697
YIQ	74.0210, 29.8970, -18.7030

Conversions

Conversions Part 2

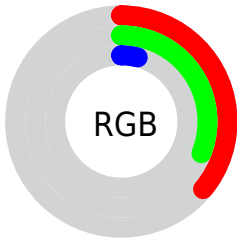
Format	Color
R_YB	24, 91, 9
Decimal	5983753
CIE Lab	33.33, -2.19, 38.55
CIE LCh	33, 38.607, 93.251
Yxy	7.6926, 0.4389, 0.4763
Android (android.graphics.Color)	4284173833 (0xFF5B4E09)
YUV	74.0210, -32.0554, 14.8906
Hunter-Lab	27.7356, -2.9201, 16.4870

Details

The Hex color **5B4E09** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **09165B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **907F3B**, and **292200** is the 20% darker color. If you saturate the color by 10%, you get **5B4D00**, and if you desaturate by 10%, it is **5B4F12**.

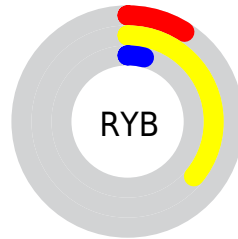
Distribution



Red (36%)

Green (31%)

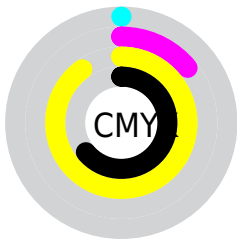
Blue (4%)



Red (9%)

Yellow (36%)

Blue (4%)

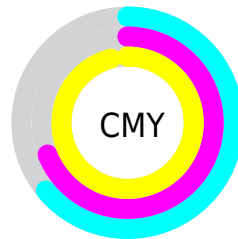


Cyan (0%)

Magenta (14%)

Yellow (90%)

Black (64%)



Cyan (64%)

Magenta (69%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B4E09 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 5B4E09 by changing the saturation by 10% instead.

 5B4E09

 5B4E09

 FFFFF6

 423700

 907F3B

 292200

 AC9954

 0D0D00

 C8B36D

 000000

 E5CF87

 FFEBA1

 FFFFBD

 FFFFD9

 5B4E09

 5B4E09

■ 5B4D00

■ 5B4F12

■ 5B511B

■ 5B5224

■ 5B542D

■ 5B5536

■ 5B5740

■ 5B5849

■ 5B5A52

■ 5B5B5B

Harmonies

Analogous

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



734316



5B4E09



3C5617

Triad

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



5B4E09



005C6F



76386A

Complementary

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



5B4E09



09165B

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.



534582



5B4E09



005985

Square

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



5B4E09



005D51



00518B



85314C

Rectangle

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



5B4E09



1F5A28



00518B



6D3C73

Sweetspot

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



5B4E09



757056



5B0917



3B3828



BABABA



3B3B3B

Same Dimension

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



5B4E09



756300



405B09



2E2D29



6E5C00



EDC800

Inverse Universe

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



09165B



001375



24095B



292A2E



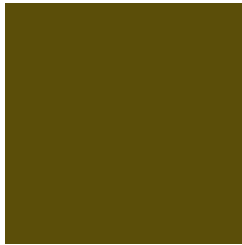
00116E



0026ED

Previews

White Background



This preview shows how the Hex color 5B4E09 looks on a white background.

Color Contrast Check

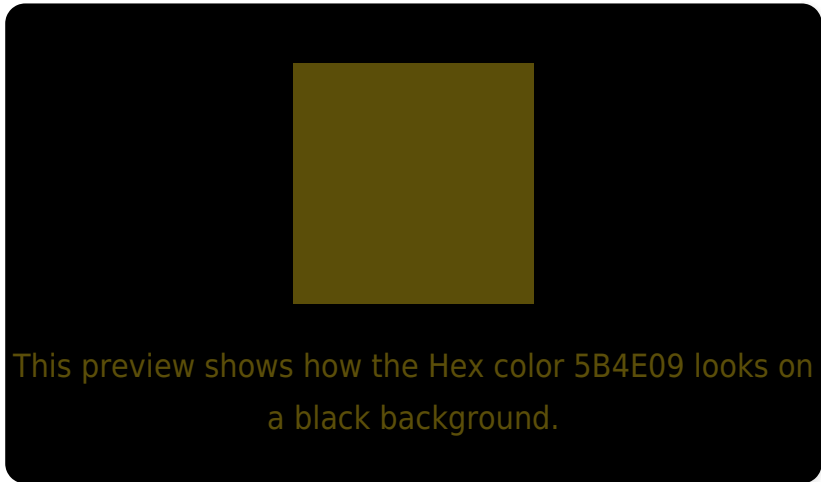
Large Text (above 18pt) WCAG AA ✓ Pass

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

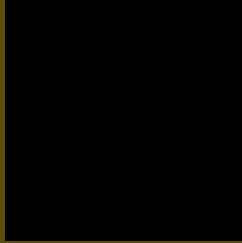
Any Text WCAG AA × Fail

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 5B4E09 Background



This preview shows how black text looks on a background with the Hex color 5B4E09.



This preview shows how white text looks on a background with the Hex color 5B4E09.

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
5B4E09

Protanopia
594F09

Deuteranopia
634B0C



Tritanopia
5F494E

Trichromacy



Original Color
5B4E09

Protanomaly
5A4F09

Deuteranomaly
604C0B

Tritanomaly
5E4B35

Monochromacy



Original Color
5B4E09

Achromatopsia
4A4A4A

Achromatomaly
504B32

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B4E09 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 #5B4E09 looks like.

```
.text, #text, p{  
    color:#5B4E09  
}
```

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 #5B4E09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B4E09
}
```

Border

The CSS property to change the border of an element to Hex 5B4E09 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
#5B4E09 }
```

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

```
.border{ border-color:#5B4E09 }
```

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

Here you see how a box with a 4 pixel #5B4E09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B4E09; -webkit-box-shadow:4px 4px  
4px 4px #5B4E09; box-shadow:4px 4px 4px  
4px #5B4E09 }
```

Background

The CSS property to change the background color of an element to Hex 5B4E09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B4E09 }
```

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

```
.background{ background-color:#5B4E09 }
```

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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