

Converting Colors

Hex(5B520B)

Have a look what the booklet for
Hex(5B520B) contains.

Hex(5B520B)	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(5B520B)

Conversions

Conversions Part 1

Format	Color
Hex	5B520B
RGB	91, 82, 11
RGB Percent	36%, 32%, 4%
CMY	0.6431, 0.6784, 0.9569
CMYK	0.00, 0.10, 0.88, 0.64
HSL	53°, 78%, 20%
HSV	53°, 88%, 36%
XYZ	7.3921, 8.2829, 1.5258
YIQ	76.5970, 28.1550, -20.1730

Conversions

Conversions Part 2

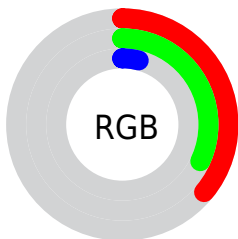
Format	Color
R_{YB}	21, 91, 11
Decimal	5984779
CIE Lab	34.57, -4.53, 38.96
CIE LCh	35, 39.226, 96.629
Yxy	8.2829, 0.4298, 0.4815
Android (android.graphics.Color)	4284174859 (0xFF5B520B)
YUV	76.5970, -32.3393, 12.6314
Hunter-Lab	28.7800, -4.5177, 17.0028

Details


The Hex color **5B520B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **0B145B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **90833D**, and **292600** is the 20% darker color. If you saturate the color by 10%, you get **5B5102**, and if you desaturate by 10%, it is **5B5314**.

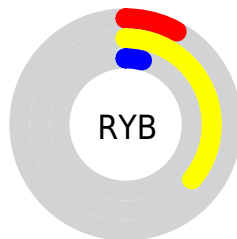
Distribution



 Red (36%)

 Green (32%)

 Blue (4%)




 Red (8%)

 Yellow (36%)

 Blue (4%)

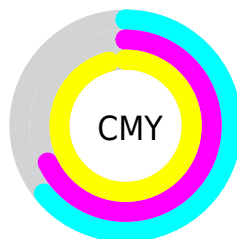



 Cyan (0%)

 Magenta (10%)

 Yellow (88%)

 Black (64%)



 Cyan (64%)

 Magenta (68%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B520B 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 5B520B by changing the saturation by 10% instead.

 5B520B

 5B520B

 FFFFF8

 423B00

 90833D

 292600

 AB9D56

 0E1200

 C8B86F

 000000

 E4D389

 FFF0A4

 FFFFBF

 FFFFDB

 5B520B

 5B520B

■ 5B5102

■ 5B5314

■ 5B5100

■ 5B541D

■ 5B5526

■ 5B562F

■ 5B5739

■ 5B5842

■ 5B594B

■ 5B5A54

■ 5B5B5D

Harmonies

Analogous

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



754716



5B520B



3A5A1B

Triad

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



5B520B



005F76



7C396B

Complementary

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



5B520B



0B145B

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.



5B4684



5B520B



005B8A

Square

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



5B520B



006058



16538F



8A334C

Rectangle

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



5B520B



1A5D2D



16538F



743D74

Sweetspot

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



5B520B



757257



5B0B14



3B3928



BABABA



3B3B3B

Same Dimension

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



5B520B



756800



3C5B0B



2E2D29



6E6100



EDD200

Inverse Universe

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



0B145B



000D75



2A0B5B



292A2E



000C6E



001BED

Previews

White Background



This preview shows how the Hex color 5B520B looks on a white background.

Color Contrast Check

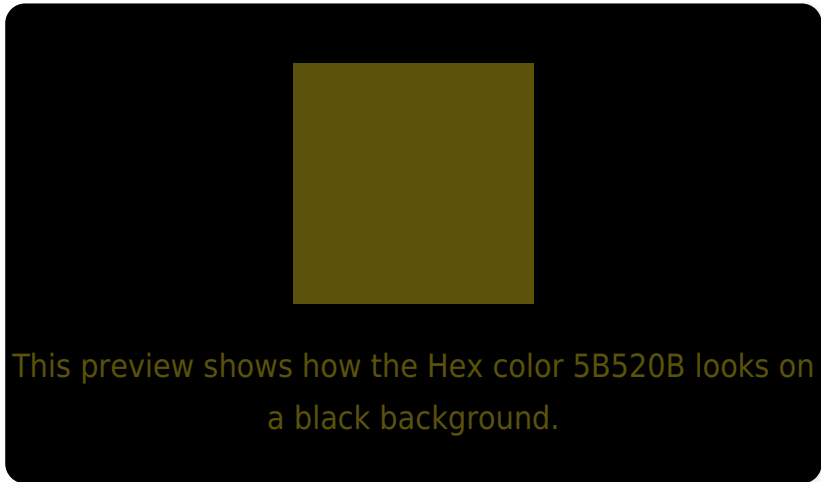
Large Text (above 18pt) WCAG AA ✓ Pass

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

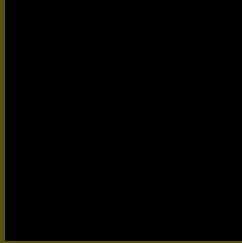
Any Text WCAG AA × Fail

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 5B520B Background



This preview shows how black text looks on a background with the Hex color 5B520B.



This preview shows how white text looks on a background with the Hex color 5B520B.

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
5B520B

Protanopia
5C520B

Deuteranopia
674D0F



Tritanopia
604C52

Trichromacy



Original Color
5B520B

Protanomaly
5C520B

Deuteranomaly
634F0E

Tritanomaly
5E4E38

Monochromacy



Original Color
5B520B

Achromatopsia
4D4D4D

Achromatomaly
524F35

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B520B 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 #5B520B looks like.

```
.text, #text, p{  
    color:#5B520B  
}
```

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 #5B520B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B520B
}
```

Border

The CSS property to change the border of an element to Hex 5B520B is called "border". The border property can be set on classes, ids or directly on the HTML element.

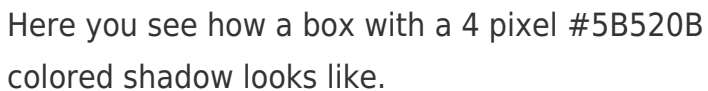
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B520B }
```

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

```
.border{ border-color:#5B520B }
```

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



Here you see how a box with a 4 pixel #5B520B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B520B; -webkit-box-shadow:4px 4px  
4px 4px #5B520B; box-shadow:4px 4px 4px  
4px #5B520B }
```

Background

The CSS property to change the background color of an element to Hex 5B520B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B520B }
```

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

```
.background{ background-color:#5B520B }
```

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