

Converting Colors

Hex(5B5B2B)

Have a look what the booklet for
Hex(5B5B2B) contains.

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Color

Hex(5B5B2B)

Conversions

Conversions Part 1

Format	Color
Hex	5B5B2B
RGB	91, 91, 43
RGB Percent	36%, 36%, 17%
CMY	0.6431, 0.6431, 0.8314
CMYK	0.00, 0.00, 0.53, 0.64
HSL	60°, 36%, 26%
HSV	60°, 53%, 36%
XYZ	8.4915, 9.8807, 3.7451
YIQ	85.5280, 15.4080, -14.9280

Conversions

Conversions Part 2

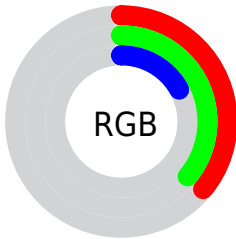
Format	Color
R_{YB}	43, 91, 43
Decimal	5987115
CIE Lab	37.63, -7.63, 27.42
CIE LCh	38, 28.461, 105.554
Yxy	9.8807, 0.3839, 0.4467
Android (android.graphics.Color)	4284177195 (0xFF5B5B2B)
YUV	85.5280, -20.9663, 4.7989
Hunter-Lab	31.4336, -6.7887, 14.9395

Details

The Hex color **5B5B2B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2B2B5B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **8E8D5A**, and **2C2D00** is the 20% darker color. If you saturate the color by 10%, you get **5B5B22**, and if you desaturate by 10%, it is **5B5B34**.

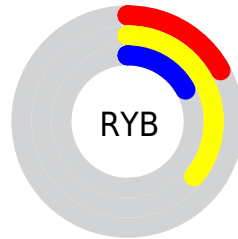
Distribution



Red (36%)

Green (36%)

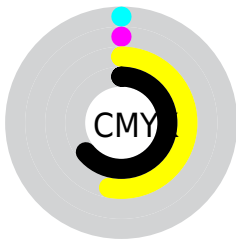
Blue (17%)



Red (17%)

Yellow (36%)

Blue (17%)

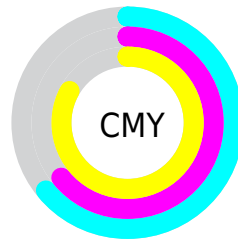


Cyan (0%)

Magenta (0%)

Yellow (53%)

Black (64%)



Cyan (64%)

Magenta (64%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5B2B 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 5B5B2B by changing the saturation by 10% instead.



5B5B2B



5B5B2B

FFFFFF



434415



8E8D5A



2C2D00



A9A773



141900



C5C38D



000000



E1DEA7



FEFBC3



FFFFDF



FFFFFB



5B5B2B



5B5B2B

■ 5B5B22

■ 5B5B34

■ 5B5B19

■ 5B5B3D

■ 5B5B10

■ 5B5B46

■ 5B5B07

■ 5B5B4F

■ 5B5B00

■ 5B5B59

■ 5B5B62

■ 5B5B6B

■ 5B5B74

■ 5B5B7D

Harmonies

Analogous

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



70532C



5B5B2B



416137

Triad

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



5B5B2B



006379



7E4765

Complementary

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



5B5B2B



2B2B5B

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.



6A4E79



5B5B2B



165E85

Square

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



5B5B2B



006464



495785



85464D

Rectangle

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



5B5B2B



2C6345



495785



79496C

Sweetspot

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



5B5B2B



757563



5B2B2B



3B3B30



BABABA



3B3B3B

Same Dimension

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



5B5B2B



75752B



435B2B



2E2E29



6E6E00



EDED00

Inverse Universe

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



2B2B5B



2B2B75



432B5B



29292E



00006E



0000ED

Previews

White Background



This preview shows how the Hex color 5B5B2B looks on a white background.

Color Contrast Check

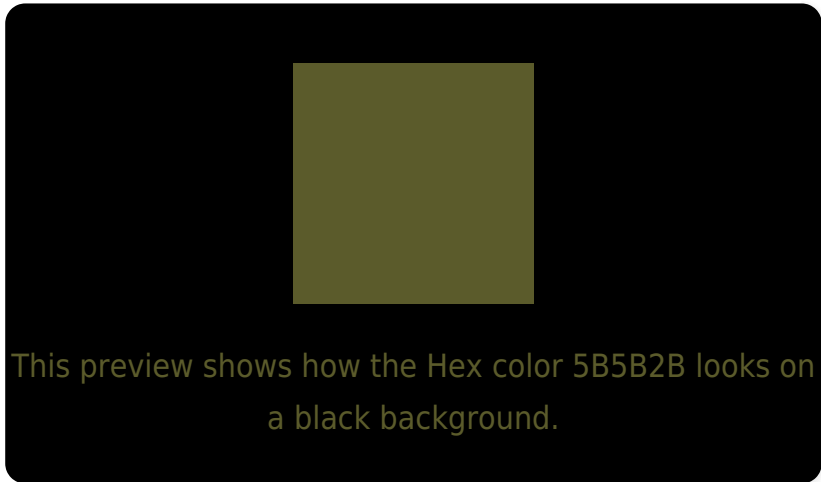
Large Text (above 18pt) WCAG AA ✓ Pass

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

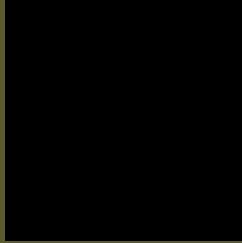
Any Text WCAG AA × Fail

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 5B5B2B Background



This preview shows how black text looks on a background with the Hex color 5B5B2B.



This preview shows how white text looks on a background with the Hex color 5B5B2B.

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](#).

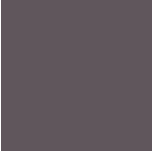
Dichromacy



Original Color
5B5B2B

Protanopia
62592A

Deuteranopia
6D542D



Tritanopia
60565C

Trichromacy



Original Color
5B5B2B

Protanomaly
5F5A2A

Deuteranomaly
66572C

Tritanomaly
5E584A

Monochromacy



Original Color
5B5B2B

Achromatopsia
565656

Achromatomaly
585846

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5B2B 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 #5B5B2B looks like.

```
.text, #text, p{  
    color:#5B5B2B  
}
```

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 #5B5B2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5B2B
}
```

Border

The CSS property to change the border of an element to Hex 5B5B2B 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
#5B5B2B }
```

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

```
.border{ border-color:#5B5B2B }
```

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

Here you see how a box with a 4 pixel #5B5B2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5B2B; -webkit-box-shadow:4px 4px  
4px 4px #5B5B2B; box-shadow:4px 4px 4px  
4px #5B5B2B }
```

Background

The CSS property to change the background color of an element to Hex 5B5B2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5B2B }
```

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

```
.background{ background-color:#5B5B2B }
```

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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