

Converting Colors

Hex(5B5021)

Have a look what the booklet for
Hex(5B5021) contains.

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Color

Hex(5B5021)

Conversions

Conversions Part 1

Format	Color
Hex	5B5021
RGB	91, 80, 33
RGB Percent	36%, 31%, 13%
CMY	0.6431, 0.6863, 0.8706
CMYK	0.00, 0.12, 0.64, 0.64
HSL	49°, 47%, 24%
HSV	49°, 64%, 36%
XYZ	7.4576, 8.0713, 2.6037
YIQ	77.9310, 21.6430, -12.2850

Conversions

Conversions Part 2

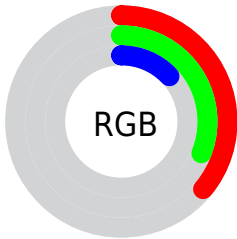
Format	Color
R_{YB}	47, 91, 33
Decimal	5984289
CIE Lab	34.13, -2.03, 28.81
CIE LCh	34, 28.884, 94.026
Yxy	8.0713, 0.4113, 0.4451
Android (android.graphics.Color)	4284174369 (0xFF5B5021)
YUV	77.9310, -22.1510, 11.4615
Hunter-Lab	28.4100, -2.8616, 14.4532

Details

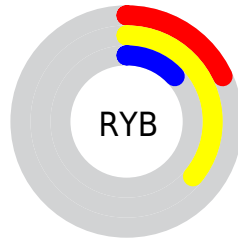
The Hex color **5B5021** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **212C5B**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8F814F**, and **2B2400** is the 20% darker color. If you saturate the color by 10%, you get **5B4E18**, and if you desaturate by 10%, it is **5B522A**.

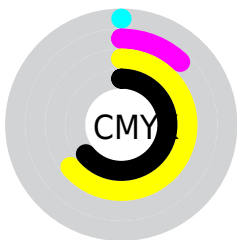
Distribution



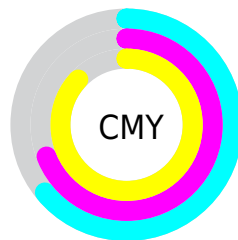
- Red (36%)
- Green (31%)
- Blue (13%)



- Red (18%)
- Yellow (36%)
- Blue (13%)



- Cyan (0%)
- Magenta (12%)
- Yellow (64%)
- Black (64%)



- Cyan (64%)
- Magenta (69%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5021 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 5B5021 by changing the saturation by 10% instead.

 5B5021

 5B5021

FFFFFF

 42390A

 8F814F

 2B2400

 AA9B68

 110F00

 C6B681

 000000

 E2D19C

 FFEDB7

 FFFFD2

 FFFFEE

 5B5021

 5B5021

■ 5B4E18

■ 5B522A

■ 5B4D0F

■ 5B5333

■ 5B4B06

■ 5B553C

■ 5B4A00

■ 5B5745

■ 5B594F

■ 5B5A58

■ 5B5C61

■ 5B5E6A

■ 5B6073

Harmonies

Analogous

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



6E4827



5B5021



435629

Triad

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



5B5021



005B69



6F4165

Complementary

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



5B5021



212C5B

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.



564976



5B5021



005879

Square

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



5B5021



005C53



2E527E



7B3D4E

Rectangle

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



5B5021



305934



2E527E



68436B

Sweetspot

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



5B5021



75715F



5B212D



3B382D



BABABA



3B3B3B

Same Dimension

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



5B5021



75641C



4A5B21



2E2D29



6E5900



EDC000

Inverse Universe

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



212C5B



1C2D75



32215B



292A2E



00156E



002DED

Previews

White Background



This preview shows how the Hex color 5B5021 looks on a white background.

Color Contrast Check

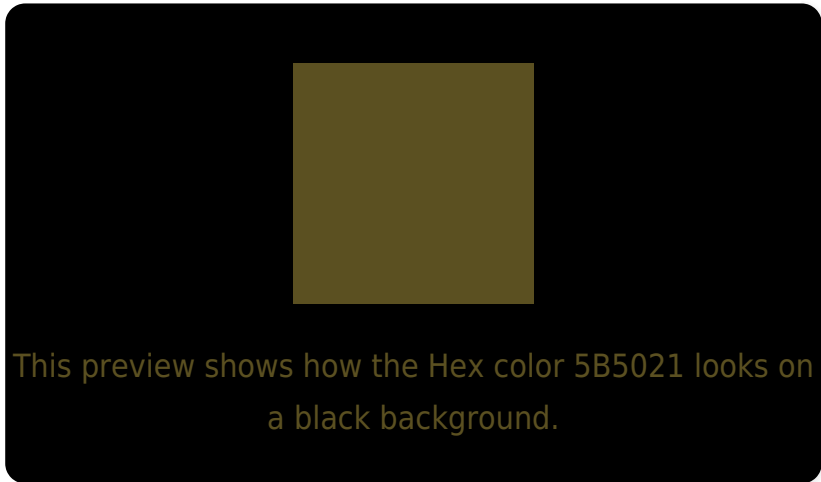
Large Text (above 18pt) WCAG AA ✓ Pass

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

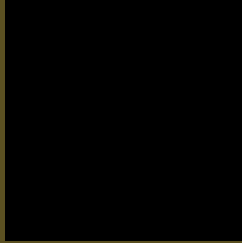
Any Text WCAG AA × Fail

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 5B5021 Background



This preview shows how black text looks on a background with the Hex color 5B5021.



This preview shows how white text looks on a background with the Hex color 5B5021.

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
5B5021

Protanopia
5A5121

Deuteranopia
644C22



Tritanopia
5F4B51

Trichromacy



Original Color
5B5021

Protanomaly
5A5121

Deuteranomaly
614D22

Tritanomaly
5E4D40

Monochromacy



Original Color
5B5021

Achromatopsia
4E4E4E

Achromatomaly
534F3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5021 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 #5B5021 looks like.

```
.text, #text, p{  
    color:#5B5021  
}
```

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 #5B5021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5021
}
```

Border

The CSS property to change the border of an element to Hex 5B5021 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".

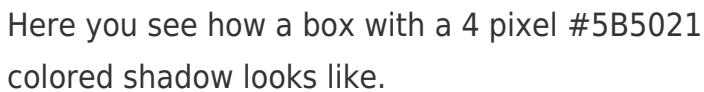
```
.border, #border, table{ border:4px solid
#5B5021 }
```

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

```
.border{ border-color:#5B5021 }
```

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

Here you see how a box with a 4 pixel #5B5021 colored shadow looks like.

A rectangular box with a dark brown border and a dark brown shadow. The shadow is cast to the right and bottom of the box, giving it a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #5B5021 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5021; -webkit-box-shadow:4px 4px  
4px 4px #5B5021; box-shadow:4px 4px 4px  
4px #5B5021 }
```

Background

The CSS property to change the background color of an element to Hex 5B5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5021 }
```

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

```
.background{ background-color:#5B5021 }
```

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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