

Converting Colors

Hex(5B1B05)

Have a look what the booklet for
Hex(5B1B05) contains.

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Color

Hex(5B1B05)

Conversions

Conversions Part 1

Format	Color
Hex	5B1B05
RGB	91, 27, 5
RGB Percent	36%, 11%, 2%
CMY	0.6431, 0.8941, 0.9804
CMYK	0.00, 0.70, 0.95, 0.64
HSL	15°, 90%, 19%
HSV	15°, 95%, 36%
XYZ	4.7337, 3.0190, 0.4768
YIQ	43.6280, 45.2060, 6.7260

Conversions

Conversions Part 2

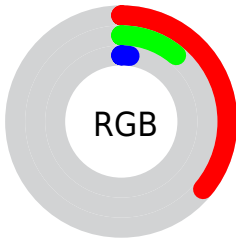
Format	Color
RYB	91, 35, 5
Decimal	5970693
CIELab	20.12, 28.27, 27.87
CIELCh	20, 39.699, 44.589
Yxy	3.0190, 0.5752, 0.3668
Android (android.graphics.Color)	4284160773 (0xFF5B1B05)
YUV	43.6280, -19.0436, 41.5452
Hunter-Lab	17.3752, 18.2241, 10.5356

Details

The Hex color **5B1B05** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **05455B**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **934A32**, and **290001** is the 20% darker color. If you saturate the color by 10%, you get **5B1700**, and if you desaturate by 10%, it is **5B220E**.

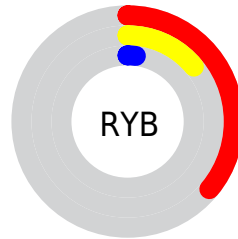
Distribution



Red (36%)

Green (11%)

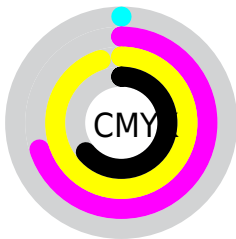
Blue (2%)



Red (36%)

Yellow (14%)

Blue (2%)

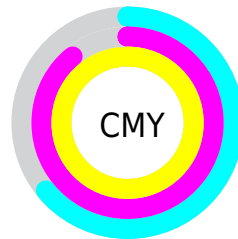


Cyan (0%)

Magenta (70%)

Yellow (95%)

Black (64%)



Cyan (64%)

Magenta (89%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B1B05 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 5B1B05 by changing the saturation by 10% instead.

 5B1B05

 5B1B05

 FFFFE7

 400300

 934A32

 290001

 AF6349

 000000

 CC7C61

 EA977A

 FFB294

 FFCDAF

 FFEACB

 5B1B05

 5B1B05

■ 5B1700

■ 5B220E

■ 5B2917

■ 5B2F20

■ 5B3629

■ 5B3D33

■ 5B443C

■ 5B4A45

■ 5B514E

■ 5B5857

Harmonies

Analogous

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



630C24



5B1B05



492A00

Triad

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



5B1B05



003C20



002F69

Complementary

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



5B1B05



05455B

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.



003869



5B1B05



003D3E

Square

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



5B1B05



093900



003C59



43215A

Rectangle

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



5B1B05



393100



003C59



00336B

Sweetspot

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



5B1B05



755D54



5B0546



3B2C27



BABABA



3B3B3B

Same Dimension

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



5B1B05



751E00



5B4605



2E2A29



6E1C00



ED3D00

Inverse Universe

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



05455B



005775



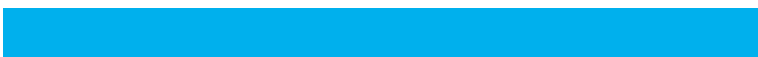
051A5B



292D2E



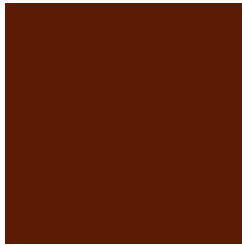
00526E



00B0ED

Previews

White Background



This preview shows how the Hex color 5B1B05 looks on a white background.

Color Contrast Check

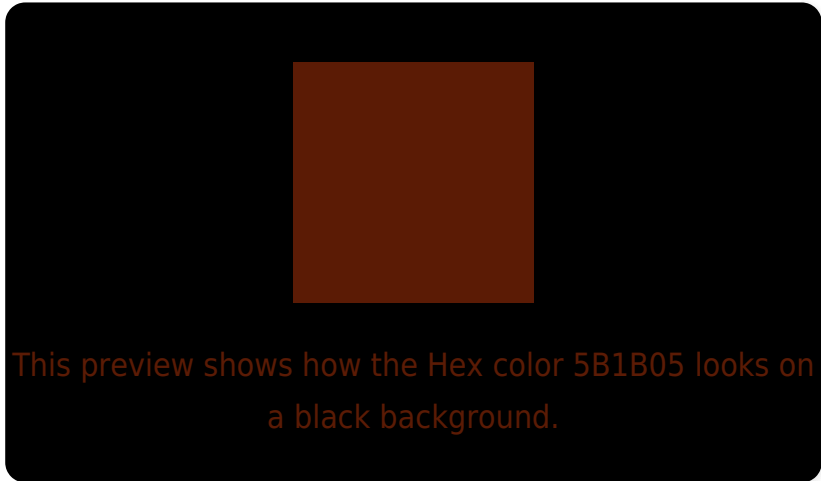
Large Text (above 18pt) WCAG AA ✓ Pass

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

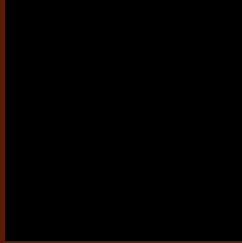
Any Text WCAG AA × Fail

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 5B1B05 Background



This preview shows how black text looks on a background with the Hex color 5B1B05.



This preview shows how white text looks on a background with the Hex color 5B1B05.

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
5B1B05

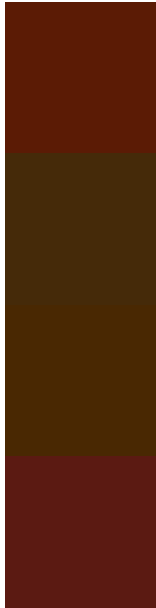
Protanopia
39320C

Deuteranopia
3F3000



Tritanopia
5B191A

Trichromacy



Original Color
5B1B05

Protanomaly
452A09

Deuteranomaly
492802

Tritanomaly
5B1A12

Monochromacy



Original Color
5B1B05

Achromatopsia
2C2C2C

Achromatomaly
3D261E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B1B05 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 #5B1B05 looks like.

```
.text, #text, p{  
    color:#5B1B05  
}
```

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 #5B1B05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B1B05
}
```

Border

The CSS property to change the border of an element to Hex 5B1B05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

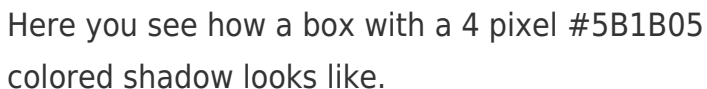
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B1B05 }
```

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

```
.border{ border-color:#5B1B05 }
```

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



Here you see how a box with a 4 pixel #5B1B05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B1B05; -webkit-box-shadow:4px 4px  
4px 4px #5B1B05; box-shadow:4px 4px 4px  
4px #5B1B05 }
```

Background

The CSS property to change the background color of an element to Hex 5B1B05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B1B05 }
```

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

```
.background{ background-color:#5B1B05 }
```

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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