

Converting Colors

Hex(5B220B)

Have a look what the booklet for
Hex(5B220B) contains.

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Color

Hex(5B220B)

Conversions

Conversions Part 1

Format	Color
Hex	5B220B
RGB	91, 34, 11
RGB Percent	36%, 13%, 4%
CMY	0.6431, 0.8667, 0.9569
CMYK	0.00, 0.63, 0.88, 0.64
HSL	17°, 78%, 20%
HSV	17°, 88%, 36%
XYZ	4.9468, 3.3924, 0.7107
YIQ	48.4210, 41.3550, 4.9310

Conversions

Conversions Part 2

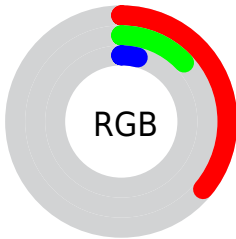
Format	Color
RYB	91, 43, 11
Decimal	5972491
CIELab	21.55, 24.82, 26.99
CIElCh	22, 36.670, 47.399
Yxy	3.3924, 0.5466, 0.3749
Android (android.graphics.Color)	4284162571 (0xFF5B220B)
YUV	48.4210, -18.4486, 37.3418
Hunter-Lab	18.4184, 15.7095, 10.6052

Details

The Hex color **5B220B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0B445B**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **925137**, and **290000** is the 20% darker color. If you saturate the color by 10%, you get **5B1C02**, and if you desaturate by 10%, it is **5B2814**.

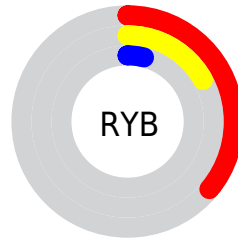
Distribution



Red (36%)

Green (13%)

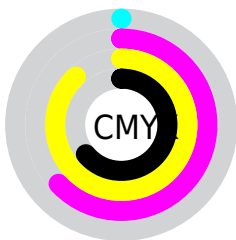
Blue (4%)



Red (36%)

Yellow (17%)

Blue (4%)

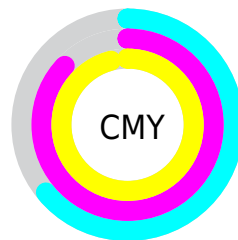


Cyan (0%)

Magenta (63%)

Yellow (88%)

Black (64%)



Cyan (64%)

Magenta (87%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B220B 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 5B220B by changing the saturation by 10% instead.

 5B220B

 5B220B

 FFFFEC

 410B00

 925137

 290000

 AE694E

 000000

 CB8366

 E99D7F

 FFB89A

 FFD4B4

 FFF1D0

 5B220B

 5B220B

■ 5B1C02

■ 5B2814

■ 5B1A00

■ 5B2F1D

■ 5B3526

■ 5B3C2F

■ 5B4239

■ 5B4942

■ 5B4F4B

■ 5B5654

■ 5B5C5D

Harmonies

Analogous

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



631725



5B220B



4A2E00

Triad

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



5B220B



003F27



153168

Complementary

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



5B220B



0B445B

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.



003A69



5B220B



004043

Square

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



5B220B



0D3C0B



003F5B



482559

Rectangle

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



5B220B



3B3500



003F5B



00356A

Sweetspot

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



5B220B



756057



5B0B44



3B2E28



BABABA



3B3B3B

Same Dimension

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



5B220B



752200



5B4A0B



2E2B29



6E2000



ED4400

Inverse Universe

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



0B445B



005475



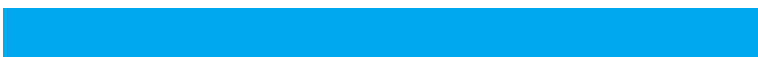
0B1C5B



292D2E



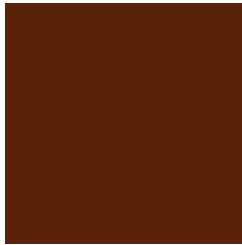
004E6E



00A9ED

Previews

White Background



This preview shows how the Hex color 5B220B looks on a white background.

Color Contrast Check

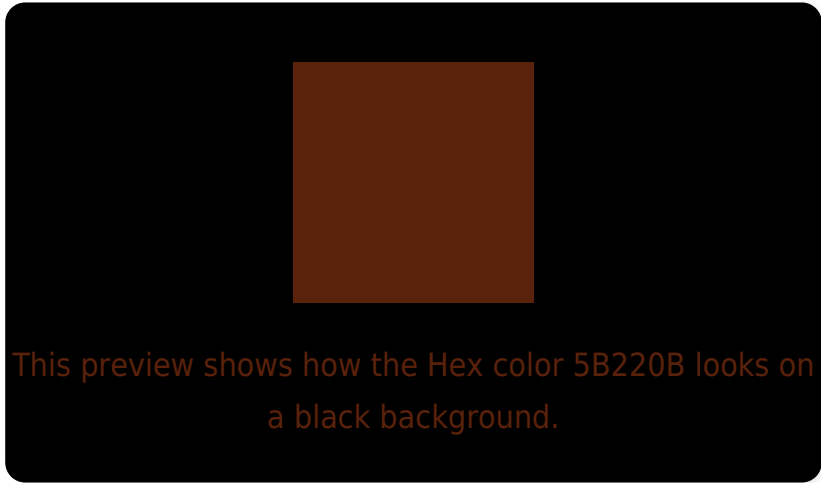
Large Text (above 18pt) WCAG AA ✓ Pass

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

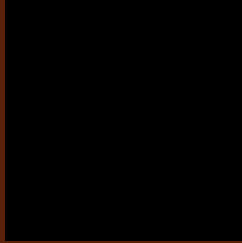
Any Text WCAG AA × Fail

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 5B220B Background



This preview shows how black text looks on a background with the Hex color 5B220B.



This preview shows how white text looks on a background with the Hex color 5B220B.

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
5B220B

Protanopia
3B3510

Deuteranopia
433200

Trichromacy



Original Color
5B220B

Protanomaly
472E0E

Deuteranomaly
4C2C04

Tritanomaly
5C211A

Monochromacy



Original Color
5B220B

Achromatopsia
303030

Achromatomaly
402B23

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B220B 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 #5B220B looks like.

```
.text, #text, p{  
    color:#5B220B  
}
```

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 #5B220B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B220B  
}
```

Border

The CSS property to change the border of an element to Hex 5B220B is called "border". The border property can be set on classes, ids or directly on the HTML element.

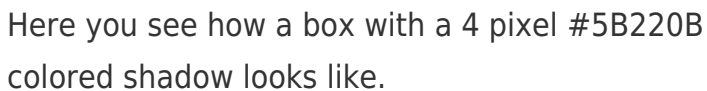
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5B220B }
```

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

```
.border{ border-color:#5B220B }
```

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



Here you see how a box with a 4 pixel #5B220B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B220B; -webkit-box-shadow:4px 4px  
4px 4px #5B220B; box-shadow:4px 4px 4px  
4px #5B220B }
```

Background

The CSS property to change the background color of an element to Hex 5B220B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B220B }
```

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

```
.background{ background-color:#5B220B }
```

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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