

Converting Colors

Hex(53211B)

Have a look what the booklet for
Hex(53211B) contains.

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Color

Hex(53211B)

Conversions

Conversions Part 1

Format	Color
Hex	53211B
RGB	83, 33, 27
RGB Percent	33%, 13%, 11%
CMY	0.6745, 0.8706, 0.8941
CMYK	0.00, 0.60, 0.67, 0.67
HSL	6°, 51%, 22%
HSV	6°, 67%, 33%
XYZ	4.3090, 3.0058, 1.3900
YIQ	47.2660, 31.7260, 8.7340

Conversions

Conversions Part 2

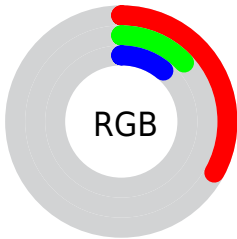
Format	Color
RYB	83, 34, 27
Decimal	5447963
CIELab	20.07, 22.82, 15.44
CIElCh	20, 27.556, 34.083
Yxy	3.0058, 0.4950, 0.3453
Android (android.graphics.Color)	4283638043 (0xFF53211B)
YUV	47.2660, -9.9911, 31.3387
Hunter-Lab	17.3374, 14.0233, 7.3827

Details

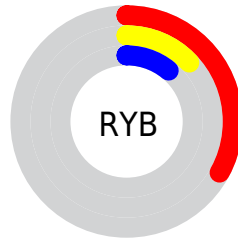
The Hex color **53211B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1B4D53**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **884F46**, and **250001** is the 20% darker color. If you saturate the color by 10%, you get **531A13**, and if you desaturate by 10%, it is **532823**.

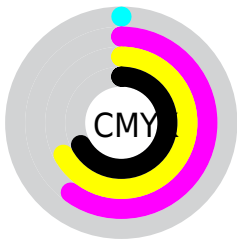
Distribution



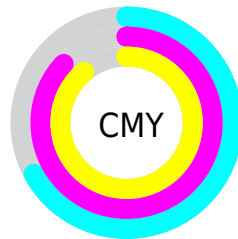
- Red (33%)
- Green (13%)
- Blue (11%)



- Red (33%)
- Yellow (13%)
- Blue (11%)



- Cyan (0%)
- Magenta (60%)
- Yellow (67%)
- Black (67%)



- Cyan (67%)
- Magenta (87%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53211B 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 53211B by changing the saturation by 10% instead.

 53211B

 53211B

FFFFFF

 3A0A00

 884F46

 250001

 A3685E

 000000

 C08177

 DC9B90

 FAB6AB

 FFD2C6

 FFEFE2

 53211B

 53211B

■ 531A13

■ 532823

■ 53120A

■ 53302C

■ 530B02

■ 533734

■ 530900

■ 533F3C

■ 534645

■ 534D4D

■ 535555

■ 535C5D

■ 536466

Harmonies

Analogous

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



551D2F



53211B



49290A

Triad

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



53211B



01391E



033259

Complementary

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



53211B



1B4D53

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.



003755



53211B



003A33

Square

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



53211B



24360C



003A47



352A52

Rectangle

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



53211B



3F2E03



003A47



003459

Sweetspot

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



53211B



6B5856



531B4D



362A29



B5B5B5



363636

Same Dimension

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



53211B



6B1E14



533D1B



292525



690B00



E81900

Inverse Universe

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



1B4D53



14626B



1B3153



252829



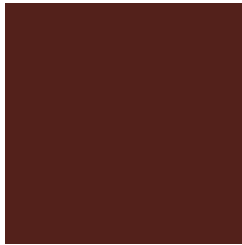
005D69



00CFE8

Previews

White Background



This preview shows how the Hex color 53211B looks on a white background.

Color Contrast Check

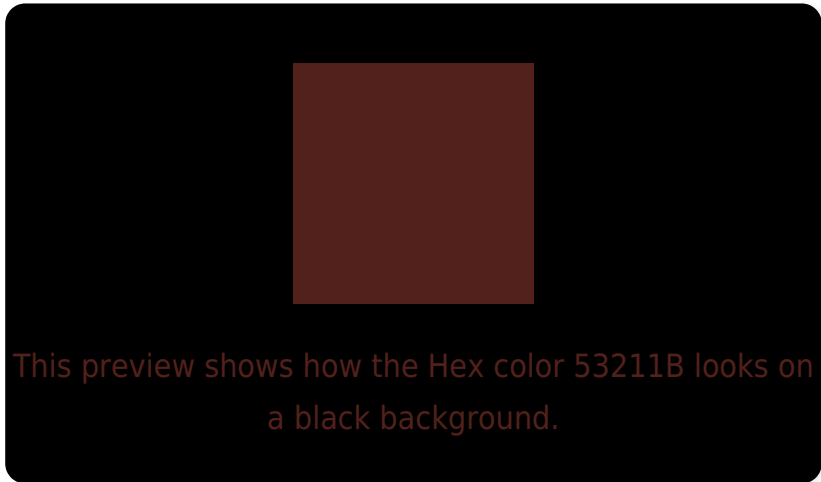
Large Text (above 18pt) WCAG AA ✓ Pass

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

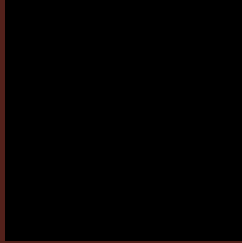
Any Text WCAG AA × Fail

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 53211B Background



This preview shows how black text looks on a background with the Hex color 53211B.

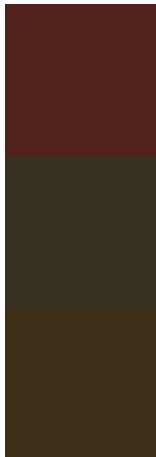


This preview shows how white text looks on a background with the Hex color 53211B.

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
53211B

Protanopia
363121

Deuteranopia
3D2F18

Trichromacy



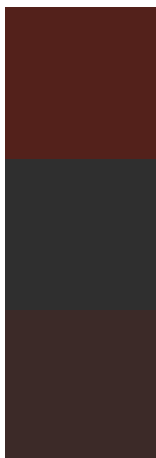
Original Color
53211B

Protanomaly
412B1F

Deuteranomaly
452A19

Tritanomaly
53201F

Monochromacy



Original Color
53211B

Achromatopsia
2F2F2F

Achromatomaly
3C2A28

CSS Examples

Text

The CSS property to change the color of the text to Hex 53211B 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 #53211B looks like.

```
.text, #text, p{  
    color:#53211B  
}
```

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 #53211B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53211B
}
```

Border

The CSS property to change the border of an element to Hex 53211B 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
#53211B }
```

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

```
.border{ border-color:#53211B }
```

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

Here you see how a box with a 4 pixel #53211B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53211B; -webkit-box-shadow:4px 4px  
4px 4px #53211B; box-shadow:4px 4px 4px  
4px #53211B }
```

Background

The CSS property to change the background color of an element to Hex 53211B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53211B }
```

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

```
.background{ background-color:#53211B }
```

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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