

Converting Colors

Hex(53271C)

Have a look what the booklet for
Hex(53271C) contains.

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Color

Hex(53271C)

Conversions

Conversions Part 1

Format	Color
Hex	53271C
RGB	83, 39, 28
RGB Percent	33%, 15%, 11%
CMY	0.6745, 0.8471, 0.8902
CMYK	0.00, 0.53, 0.66, 0.67
HSL	12°, 50%, 22%
HSV	12°, 66%, 33%
XYZ	4.5024, 3.3739, 1.5125
YIQ	50.9020, 29.7550, 5.9070

Conversions

Conversions Part 2

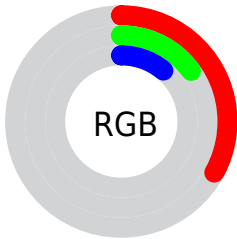
Format	Color
RYB	83, 42, 28
Decimal	5449500
CIELab	21.48, 19.35, 16.55
CIELCh	21, 25.460, 40.538
Yxy	3.3739, 0.4795, 0.3594
Android (android.graphics.Color)	4283639580 (0xFF53271C)
YUV	50.9020, -11.2907, 28.1499
Hunter-Lab	18.3681, 11.6098, 7.9754

Details

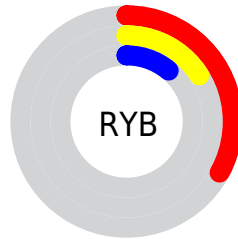
The Hex color **53271C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1C4853**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **885548**, and **240000** is the 20% darker color. If you saturate the color by 10%, you get **532014**, and if you desaturate by 10%, it is **532E24**.

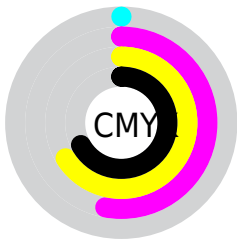
Distribution



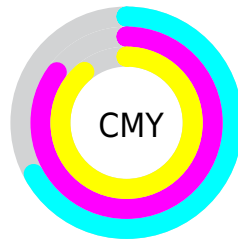
- Red (33%)
- Green (15%)
- Blue (11%)



- Red (33%)
- Yellow (16%)
- Blue (11%)



- Cyan (0%)
- Magenta (53%)
- Yellow (66%)
- Black (67%)



- Cyan (67%)
- Magenta (85%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53271C 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 53271C by changing the saturation by 10% instead.

 53271C

 53271C

FFFFFF

 3A1103

 885548

 240000

 A36E5F

 000000

 BF8778

 DBA292

 F9BDAD

 FFD9C8

 FFF5E4

 53271C

 53271C

■ 532014

■ 532E24

■ 531A0B

■ 53342D

■ 531303

■ 533B35

■ 531100

■ 53423D

■ 534846

■ 534F4E

■ 535556

■ 535C5E

■ 536367

Harmonies

Analogous

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



56232E



53271C



482E0F

Triad

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



53271C



013C26



1D3359

Complementary

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



53271C



1C4853

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.



003957



53271C



003D3A

Square

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



53271C



233916



003C4B



3D2C50

Rectangle

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



53271C



3E330B



003C4B



0A3559

Sweetspot

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



53271C



6B5A56



531C48



362B29



B5B5B5



363636

Same Dimension

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



53271C



6B2715



53421C



292625



691500



E82E00

Inverse Universe

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



1C4853



155A6B



1C2C53



252829



005469



00BAE8

Previews

White Background



This preview shows how the Hex color 53271C looks on a white background.

Color Contrast Check

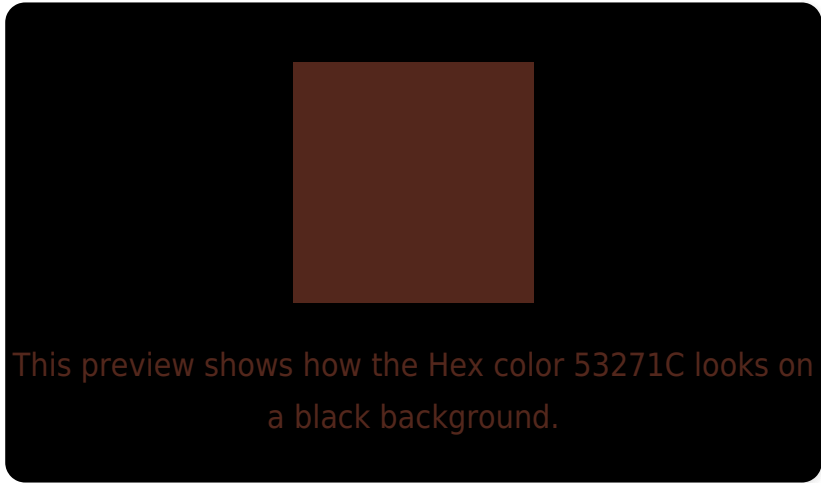
Large Text (above 18pt) WCAG AA ✓ Pass

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

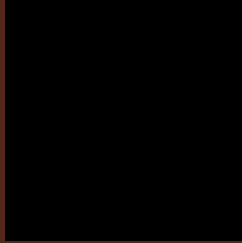
Any Text WCAG AA × Fail

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 53271C Background



This preview shows how black text looks on a background with the Hex color 53271C.

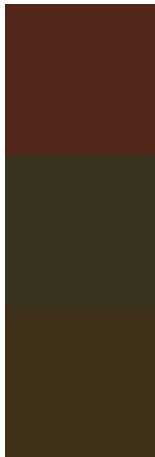


This preview shows how white text looks on a background with the Hex color 53271C.

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
53271C

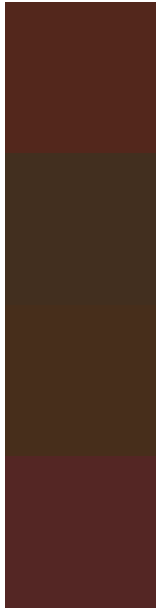
Protanopia
393421

Deuteranopia
40321A



Tritanopia
542528

Trichromacy



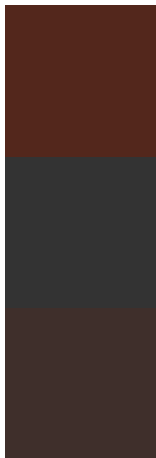
Original Color
53271C

Protanomaly
422F1F

Deuteranomaly
472E1B

Tritanomaly
542624

Monochromacy



Original Color
53271C

Achromatopsia
333333

Achromatomaly
3F2F2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 53271C 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 #53271C looks like.

```
.text, #text, p{  
    color:#53271C  
}
```

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 #53271C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53271C
}
```

Border

The CSS property to change the border of an element to Hex 53271C is called "border". The border property can be set on classes, ids or directly on the HTML element.

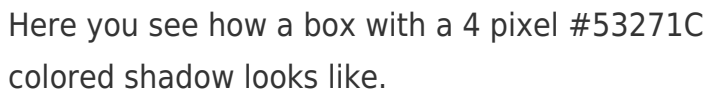
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53271C }
```

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

```
.border{ border-color:#53271C }
```

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



Here you see how a box with a 4 pixel #53271C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53271C; -webkit-box-shadow:4px 4px  
4px 4px #53271C; box-shadow:4px 4px 4px  
4px #53271C }
```

Background

The CSS property to change the background color of an element to Hex 53271C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53271C }
```

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

```
.background{ background-color:#53271C }
```

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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