

Converting Colors

Hex(50231D)

Have a look what the booklet for
Hex(50231D) contains.

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Color

Hex(50231D)

Conversions

Conversions Part 1

Format	Color
Hex	50231D
RGB	80, 35, 29
RGB Percent	31%, 14%, 11%
CMY	0.6863, 0.8627, 0.8863
CMYK	0.00, 0.56, 0.64, 0.69
HSL	7°, 47%, 21%
HSV	7°, 64%, 31%
XYZ	4.1311, 2.9962, 1.5230
YIQ	47.7710, 28.7460, 7.6740

Conversions

Conversions Part 2

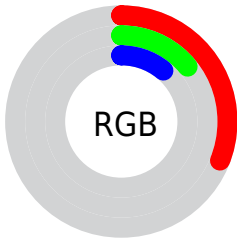
Format	Color
R_{YB}	80, 36, 29
Decimal	5251869
CIE _{Lab}	20.03, 20.50, 13.93
CIE _{LCh}	20, 24.785, 34.197
Yxy	2.9962, 0.4776, 0.3464
Android (android.graphics.Color)	4283441949 (0xFF50231D)
YUV	47.7710, -9.2541, 28.2648
Hunter-Lab	17.3097, 12.3083, 6.9001




Details

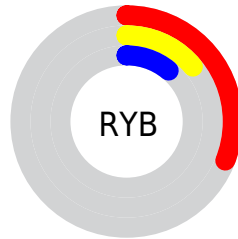
The Hex color **50231D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1D4A50**, and the grayscale version is **303030**.




A 20% lighter version of the original color is **845149**, and **220001** is the 20% darker color. If you saturate the color by 10%, you get **501C15**, and if you desaturate by 10%, it is **502A25**.

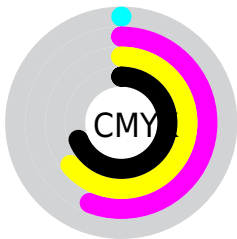
Distribution







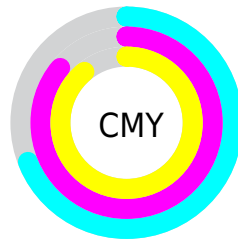
-  Red (31%)
-  Green (14%)
-  Blue (11%)






-  Red (31%)
-  Yellow (14%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (56%)
-  Yellow (64%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (86%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50231D 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 50231D by changing the saturation by 10% instead.

 50231D

 50231D

FFFFFF

 380D04

 845149

 220001

 9F6960

 000000

 BB8379

 D89D93

 F5B8AE

 FFD4C9

 FFF0E5

 50231D

 50231D

■ 501C15

■ 502A25

■ 50150D

■ 50312D

■ 500E05

■ 503835

■ 500900

■ 503F3D

■ 504645

■ 504D4D

■ 505455

■ 505B5D

■ 506365

Harmonies

Analogous

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



51202F



50231D



472A0F

Triad

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



50231D



093820



103254

Complementary

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



50231D



1D4A50

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.



003651



50231D



003932

Square

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



50231D



253511



003944



352B4E

Rectangle

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



50231D



3D2E09



003944



003354

Sweetspot

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



50231D



695755



501D4A



362B29



B5B5B5



363636

Same Dimension

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



50231D



692218



503C1D



292525



690C00



E81B00

Inverse Universe

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



1D4A50



185F69



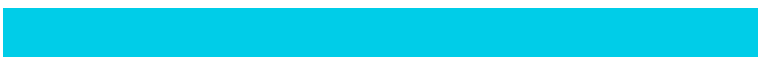
1D3150



252829



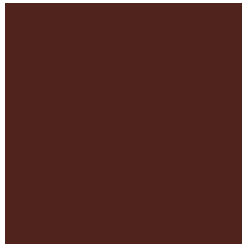
005C69



00CDE8

Previews

White Background



This preview shows how the Hex color 50231D looks on a white background.

Color Contrast Check

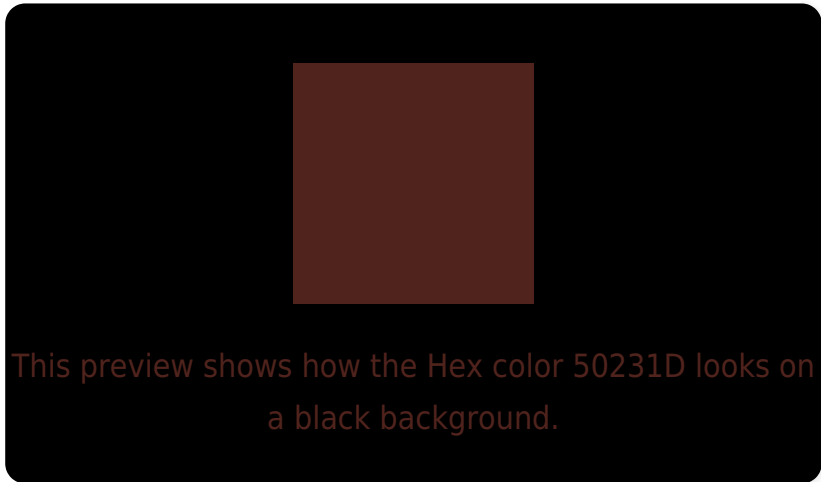
Large Text (above 18pt) WCAG AA ✓ Pass

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

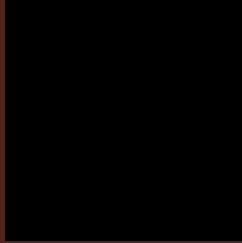
Any Text WCAG AA × Fail

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 50231D Background



This preview shows how black text looks on a background with the Hex color 50231D.

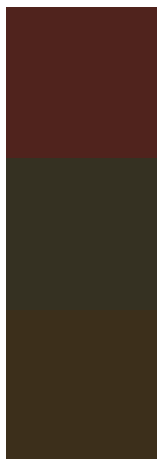


This preview shows how white text looks on a background with the Hex color 50231D.

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
50231D

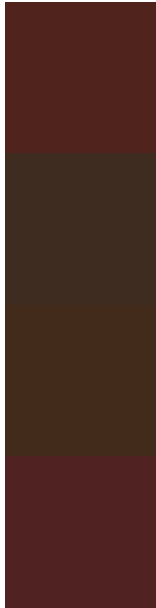
Protanopia
353122

Deuteranopia
3C2F1B



Tritanopia
502224

Trichromacy



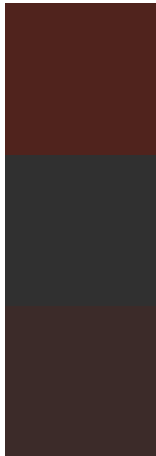
Original Color
50231D

Protanomaly
3F2C20

Deuteranomaly
432B1C

Tritanomaly
502221

Monochromacy



Original Color
50231D

Achromatopsia
303030

Achromatomaly
3C2B29

CSS Examples

Text

The CSS property to change the color of the text to Hex 50231D 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 #50231D looks like.

```
.text, #text, p{  
    color:#50231D  
}
```

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 #50231D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50231D
}
```

Border

The CSS property to change the border of an element to Hex 50231D 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".

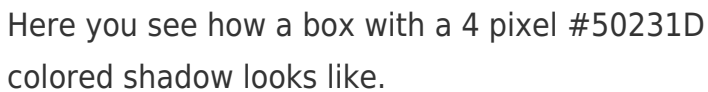
```
.border, #border, table{ border:4px solid
#50231D }
```

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

```
.border{ border-color:#50231D }
```

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

Here you see how a box with a 4 pixel #50231D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50231D; -webkit-box-shadow:4px 4px  
4px 4px #50231D; box-shadow:4px 4px 4px  
4px #50231D }
```

Background

The CSS property to change the background color of an element to Hex 50231D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50231D }
```

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

```
.background{ background-color:#50231D }
```

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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