

Converting Colors

Hex(58401D)

Have a look what the booklet for
Hex(58401D) contains.

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Color

Hex(58401D)

Conversions

Conversions Part 1

Format	Color
Hex	58401D
RGB	88, 64, 29
RGB Percent	35%, 25%, 11%
CMY	0.6549, 0.7490, 0.8863
CMYK	0.00, 0.27, 0.67, 0.65
HSL	36°, 50%, 23%
HSV	36°, 67%, 35%
XYZ	6.0797, 5.8302, 1.9673
YIQ	67.1860, 25.5390, -5.7970

Conversions

Conversions Part 2

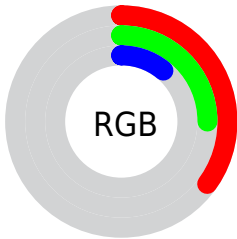
Format	Color
R_{YB}	69, 88, 29
Decimal	5783581
CIE _{Lab}	28.98, 6.08, 25.07
CIE _{LCh}	29, 25.799, 76.359
Yxy	5.8302, 0.4381, 0.4201
Android (android.graphics.Color)	4283973661 (0xFF58401D)
YUV	67.1860, -18.8257, 18.2539
Hunter-Lab	24.1458, 2.6893, 12.0714

Details

The Hex color **58401D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1D3558**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8C704A**, and **281600** is the 20% darker color. If you saturate the color by 10%, you get **583C14**, and if you desaturate by 10%, it is **584426**.

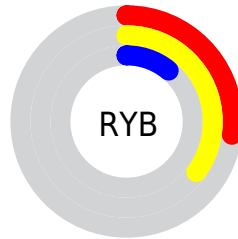
Distribution



Red (35%)

Green (25%)

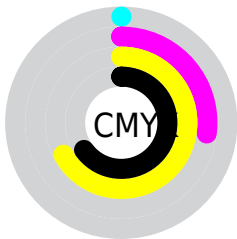
Blue (11%)



Red (27%)

Yellow (35%)

Blue (11%)

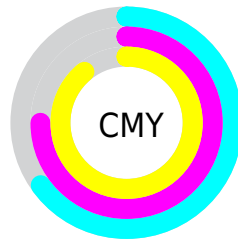


Cyan (0%)

Magenta (27%)

Yellow (67%)

Black (65%)



Cyan (65%)

Magenta (75%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58401D 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 58401D by changing the saturation by 10% instead.

 58401D

 58401D

FFFFFF

 3F2A06

 8C704A

 281600

 A78962

 040000

 C3A37B

 000000

 E0BE95

 FDDAB0

 FFF6CC

 FFFFE8

 58401D

 58401D

■ 583C14

■ 584426

■ 58390B

■ 58472F

■ 583503

■ 584B37

■ 583400

■ 584E40

■ 585249

■ 585552

■ 58595B

■ 585D63

■ 58606C

Harmonies

Analogous

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



653928



58401D



46471D

Triad

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



58401D



004E4F



543B60

Complementary

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



58401D



1D3558

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.



37436B



58401D



004D61

Square

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



58401D



0D4E3A



01496B



65354E

Rectangle

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



58401D



374A23



01496B



4C3D64

Sweetspot

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



58401D



73695C



581D36



3B352D



BABABA



3B3B3B

Same Dimension

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



58401D



734D17



53581D



2B2A27



6B4000



EB8B00

Inverse Universe

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



1D3558



173C73



221D58



27292B



002C6B



005FEB

Previews

White Background



This preview shows how the Hex color 58401D looks on a white background.

Color Contrast Check

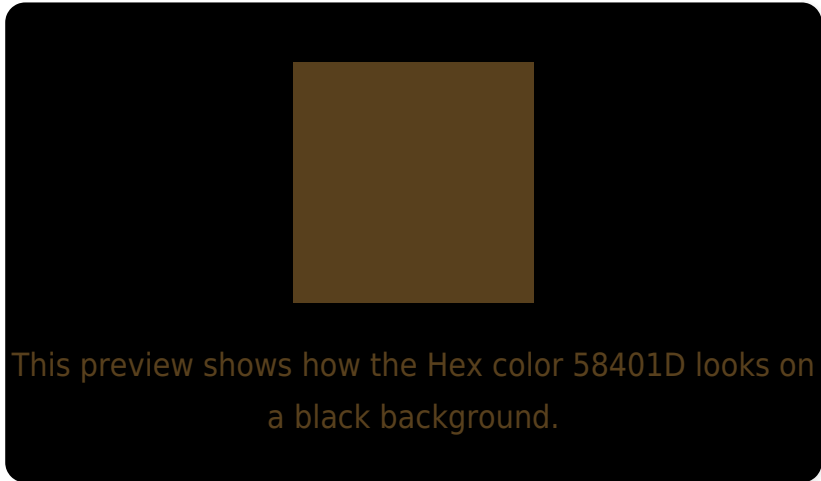
Large Text (above 18pt) WCAG AA ✓ Pass

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

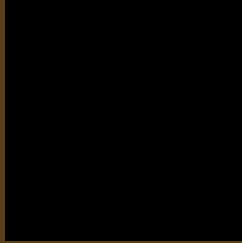
Any Text WCAG AA × Fail

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 58401D Background



This preview shows how black text looks on a background with the Hex color 58401D.



This preview shows how white text looks on a background with the Hex color 58401D.

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
58401D

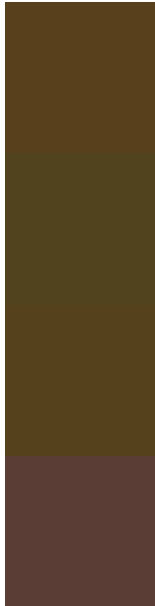
Protanopia
4C451E

Deuteranopia
55411D



Tritanopia
5B3C41

Trichromacy



Original Color
58401D

Protanomaly
50431E

Deuteranomaly
56411D

Tritanomaly
5A3D34

Monochromacy



Original Color
58401D

Achromatopsia
434343

Achromatomaly
4B4235

CSS Examples

Text

The CSS property to change the color of the text to Hex 58401D 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 #58401D looks like.

```
.text, #text, p{  
    color:#58401D  
}
```

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 #58401D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58401D
}
```

Border

The CSS property to change the border of an element to Hex 58401D 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
#58401D }
```

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

```
.border{ border-color:#58401D }
```

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

Here you see how a box with a 4 pixel #58401D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58401D; -webkit-box-shadow:4px 4px  
4px 4px #58401D; box-shadow:4px 4px 4px  
4px #58401D }
```

Background

The CSS property to change the background color of an element to Hex 58401D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58401D }
```

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

```
.background{ background-color:#58401D }
```

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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