

Converting Colors

Hex(56401D)

Have a look what the booklet for
Hex(56401D) contains.

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Color

Hex(56401D)

Conversions

Conversions Part 1

Format	Color
Hex	56401D
RGB	86, 64, 29
RGB Percent	34%, 25%, 11%
CMY	0.6627, 0.7490, 0.8863
CMYK	0.00, 0.26, 0.66, 0.66
HSL	37°, 50%, 23%
HSV	37°, 66%, 34%
XYZ	5.8929, 5.7339, 1.9586
YIQ	66.5880, 24.3470, -6.2210

Conversions

Conversions Part 2

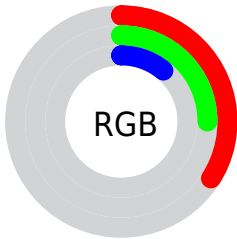
Format	Color
RYB	65, 86, 29
Decimal	5652509
CIELab	28.73, 5.09, 24.72
CIELCh	29, 25.238, 78.368
Yxy	5.7339, 0.4338, 0.4221
Android (android.graphics.Color)	4283842589 (0xFF56401D)
YUV	66.5880, -18.5309, 17.0243
Hunter-Lab	23.9456, 2.0232, 11.9125

Details

The Hex color **56401D** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1D3356**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8A704A**, and **261600** is the 20% darker color. If you saturate the color by 10%, you get **563D14**, and if you desaturate by 10%, it is **564326**.

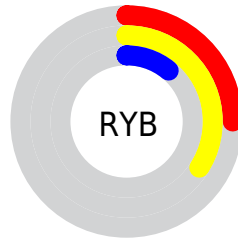
Distribution



Red (34%)

Green (25%)

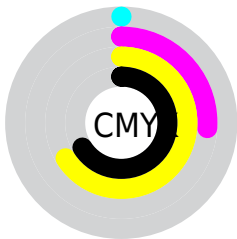
Blue (11%)



Red (25%)

Yellow (34%)

Blue (11%)

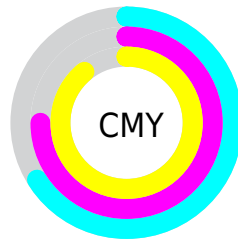


Cyan (0%)

Magenta (26%)

Yellow (66%)

Black (66%)



Cyan (66%)

Magenta (75%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56401D 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 56401D by changing the saturation by 10% instead.

 56401D

 56401D

FFFFFF

 3E2A06

 8A704A

 261600

 A58962

 000000

 C1A37B

 DDBE95

 FADAB0

 FFF6CC

 FFFFE8

 56401D

 56401D

■ 563D14

■ 564326

■ 56390C

■ 56472E

■ 563603

■ 564A37

■ 563500

■ 564D3F

■ 565148

■ 565451

■ 565759

■ 565B62

■ 565E6A

Harmonies

Analogous

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



633927



56401D



44461D

Triad

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



56401D



004E4F



543A5E

Complementary

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



56401D



1D3356

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.



394269



56401D



004C60

Square

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



56401D



0C4D3B



0A486A



64344C

Rectangle

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



56401D



354A24



0A486A



4D3D62

Sweetspot

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



56401D



70685A



561D34



38332B



B8B8B8



383838

Same Dimension

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



56401D



704E16



50561D



2B2A27



6B4200



EB9000

Inverse Universe

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



1D3356



163970



231D56



27292B



00296B



005BEB

Previews

White Background



This preview shows how the Hex color 56401D looks on a white background.

Color Contrast Check

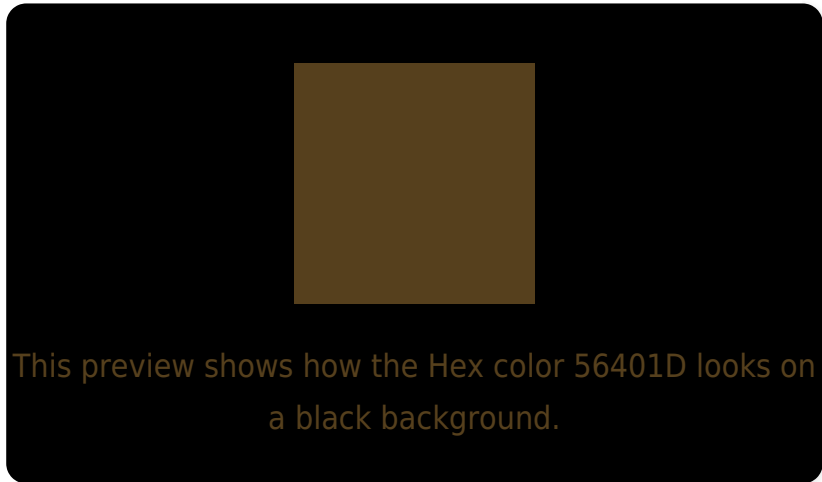
Large Text (above 18pt) WCAG AA ✓ Pass

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

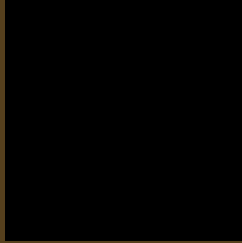
Any Text WCAG AA × Fail

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 56401D Background



This preview shows how black text looks on a background with the Hex color 56401D.



This preview shows how white text looks on a background with the Hex color 56401D.

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
56401D

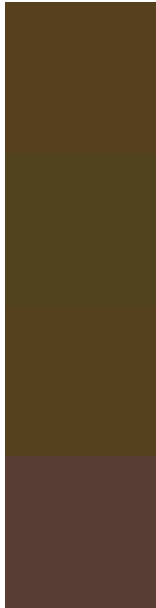
Protanopia
4C441E

Deuteranopia
54411D



Tritanopia
593C41

Trichromacy



Original Color
56401D

Protanomaly
50431E

Deuteranomaly
55411D

Tritanomaly
583D34

Monochromacy



Original Color
56401D

Achromatopsia
434343

Achromatomaly
4A4235

CSS Examples

Text

The CSS property to change the color of the text to Hex 56401D 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 #56401D looks like.

```
.text, #text, p{  
    color:#56401D  
}
```

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 #56401D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56401D
}
```

Border

The CSS property to change the border of an element to Hex 56401D is called "border". The border property can be set on classes, ids or directly on the HTML element.

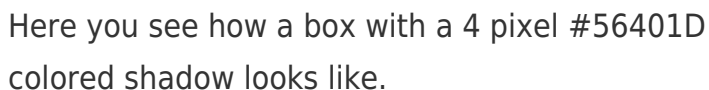
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#56401D }
```

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

```
.border{ border-color:#56401D }
```

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



Here you see how a box with a 4 pixel #56401D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56401D; -webkit-box-shadow:4px 4px  
4px 4px #56401D; box-shadow:4px 4px 4px  
4px #56401D }
```

Background

The CSS property to change the background color of an element to Hex 56401D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56401D }
```

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

```
.background{ background-color:#56401D }
```

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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