

Converting Colors

Hex(56301D)

Have a look what the booklet for
Hex(56301D) contains.

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Color

Hex(56301D)

Conversions

Conversions Part 1

Format	Color
Hex	56301D
RGB	86, 48, 29
RGB Percent	34%, 19%, 11%
CMY	0.6627, 0.8118, 0.8863
CMYK	0.00, 0.44, 0.66, 0.66
HSL	20°, 50%, 23%
HSV	20°, 66%, 34%
XYZ	5.1165, 4.1810, 1.6998
YIQ	57.1960, 28.7470, 2.1470

Conversions

Conversions Part 2

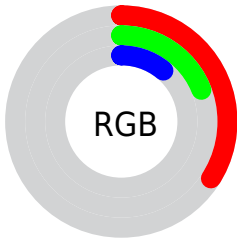
Format	Color
RYB	86, 58, 29
Decimal	5648413
CIELab	24.26, 15.25, 19.43
CIElCh	24, 24.701, 51.872
Yxy	4.1810, 0.4652, 0.3802
Android (android.graphics.Color)	4283838493 (0xFF56301D)
YUV	57.1960, -13.9006, 25.2611
Hunter-Lab	20.4476, 8.8816, 9.3847

Details

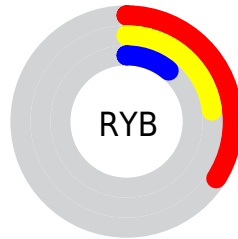
The Hex color **56301D** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1D4356**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **8A5E49**, and **260300** is the 20% darker color. If you saturate the color by 10%, you get **562A14**, and if you desaturate by 10%, it is **563626**.

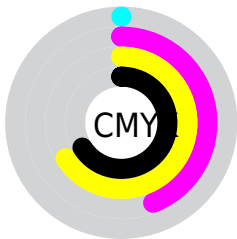
Distribution



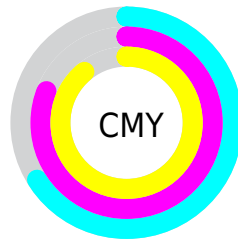
- Red (34%)
- Green (19%)
- Blue (11%)



- Red (34%)
- Yellow (23%)
- Blue (11%)



- Cyan (0%)
- Magenta (44%)
- Yellow (66%)
- Black (66%)



- Cyan (66%)
- Magenta (81%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56301D 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 56301D by changing the saturation by 10% instead.

 56301D

 56301D

FFFFFF

 3D1B05

 8A5E49

 260300

 A67761

 000000

 C2917A

 DEAC94

 FCC7AE

 FFE3CA

 FFFFE6

 56301D

 56301D

■ 562A14

■ 563626

■ 56250C

■ 563B2E

■ 561F03

■ 564137

■ 561D00

■ 56473F

■ 564D48

■ 565251

■ 565859

■ 565E62

■ 56646A

Harmonies

Analogous

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



5C2B2D



56301D



493714

Triad

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



56301D



004334



33375C

Complementary

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



56301D



1D4356

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.



033D5E



56301D



004347

Square

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



56301D



214122



004156



4C2F51

Rectangle

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



56301D



3D3B14



004156



27395E

Sweetspot

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



56301D



70615A



561D43



382F2B



B8B8B8



383838

Same Dimension

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



56301D



703416



564D1D



2B2827



6B2400



EB4E00

Inverse Universe

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



1D4356



165270



1D2756



272A2B



00476B



009CEB

Previews

White Background



This preview shows how the Hex color 56301D looks on a white background.

Color Contrast Check

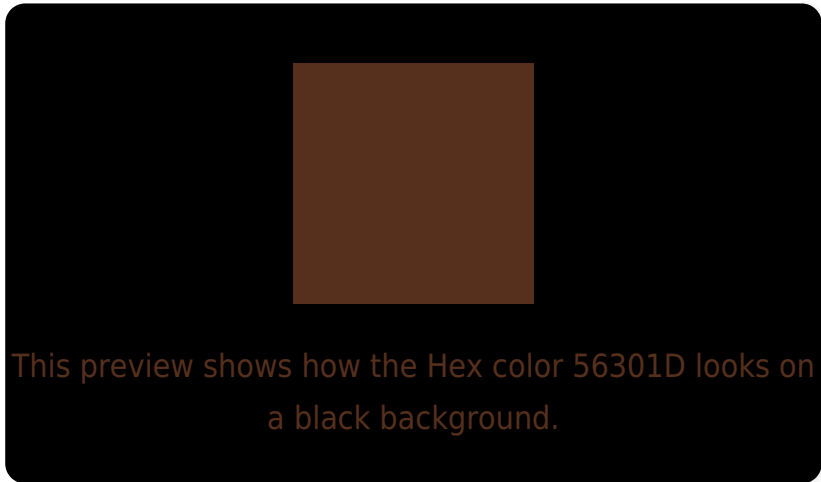
Large Text (above 18pt) WCAG AA ✓ Pass

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

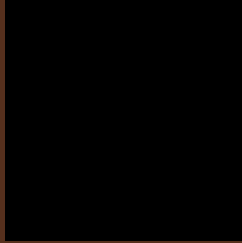
Any Text WCAG AA × Fail

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 56301D Background



This preview shows how black text looks on a background with the Hex color 56301D.

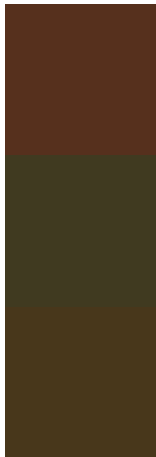


This preview shows how white text looks on a background with the Hex color 56301D.

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
56301D

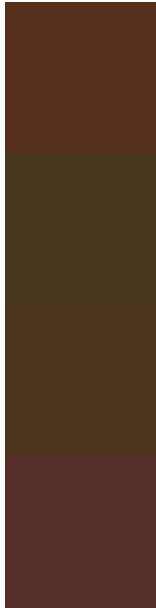
Protanopia
403A20

Deuteranopia
48371B



Tritanopia
572E31

Trichromacy



Original Color
56301D

Protanomaly
48361F

Deuteranomaly
4D341C

Tritanomaly
572F2A

Monochromacy



Original Color
56301D

Achromatopsia
393939

Achromatomaly
44362F

CSS Examples

Text

The CSS property to change the color of the text to Hex 56301D 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 #56301D looks like.

```
.text, #text, p{  
    color:#56301D  
}
```

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 #56301D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56301D  
}
```

Border

The CSS property to change the border of an element to Hex 56301D 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".

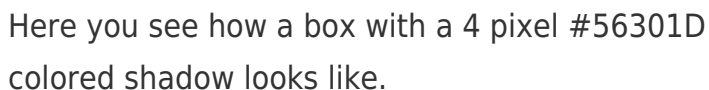
```
.border, #border, table{ border:4px solid  
#56301D }
```

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

```
.border{ border-color:#56301D }
```

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

Here you see how a box with a 4 pixel #56301D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56301D; -webkit-box-shadow:4px 4px  
4px 4px #56301D; box-shadow:4px 4px 4px  
4px #56301D }
```

Background

The CSS property to change the background color of an element to Hex 56301D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56301D }
```

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

```
.background{ background-color:#56301D }
```

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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