

Converting Colors

Hex(583301)

Have a look what the booklet for
Hex(583301) contains.

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Color

Hex(583301)

Conversions

Conversions Part 1

Format	Color
Hex	583301
RGB	88, 51, 1
RGB Percent	35%, 20%, 0%
CMY	0.6549, 0.8000, 0.9961
CMYK	0.00, 0.42, 0.99, 0.65
HSL	34°, 98%, 17%
HSV	34°, 99%, 35%
XYZ	5.2138, 4.4446, 0.6118
YIQ	56.3630, 38.1020, -7.7060

Conversions

Conversions Part 2

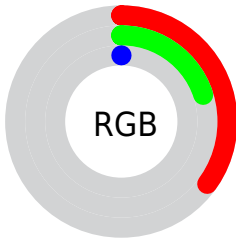
Format	Color
RYB	65, 88, 1
Decimal	5780225
CIELab	25.09, 12.87, 34.51
CIELCh	25, 36.829, 69.547
Yxy	4.4446, 0.5077, 0.4328
Android (android.graphics.Color)	4283970305 (0xFF583301)
YUV	56.3630, -27.2940, 27.7456
Hunter-Lab	21.0821, 7.2511, 13.0369

Details

The Hex color **583301** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **012658**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **8E6131**, and **250800** is the 20% darker color. If you saturate the color by 10%, you get **583300**, and if you desaturate by 10%, it is **58370A**.

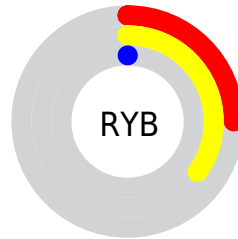
Distribution



Red (35%)

Green (20%)

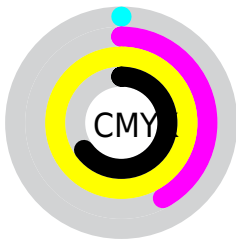
Blue (0%)



Red (25%)

Yellow (35%)

Blue (0%)

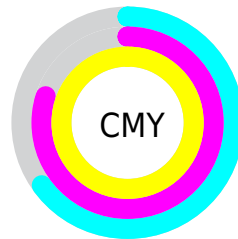


Cyan (0%)

Magenta (42%)

Yellow (99%)

Black (65%)



Cyan (65%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583301 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 583301 by changing the saturation by 10% instead.

 583301

 583301

 FFFFE7

 3E1E00

 8E6131

 250800

 AA7A48

 000000

 C79461

 E4AF7A

 FFCA94

 FFE6AF

 FFFFCB

 583301

 583301

■ 583300

■ 58370A

■ 583A13

■ 583E1B

■ 584224

■ 58462D

■ 584936

■ 584D3F

■ 585147

■ 585550

Harmonies

Analogous

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



682719



583301



413D00

Triad

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



583301



004844



483067

Complementary

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



583301



012658

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.



003C73



583301



00475E

Square

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



583301



004727



004470



632350

Rectangle

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



583301



2D4203



004470



39346C

Sweetspot

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



583301



736450



580127



3B3226



BABABA



3B3B3B

Same Dimension

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



583301



734200



525801



2B2A27



6B3E00



EB8700

Inverse Universe

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



012658



003173



070158



27292B



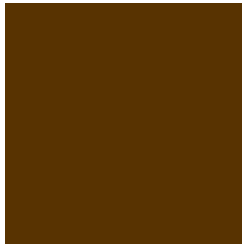
002E6B



0064EB

Previews

White Background



This preview shows how the Hex color 583301 looks on a white background.

Color Contrast Check

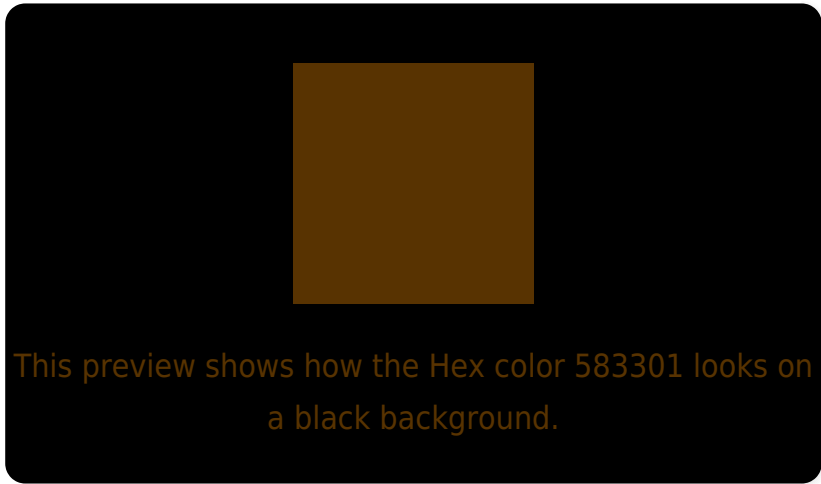
Large Text (above 18pt) WCAG AA ✓ Pass

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

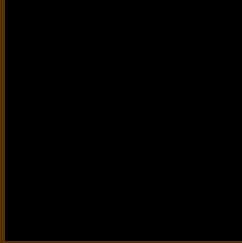
Any Text WCAG AA × Fail

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 583301 Background



This preview shows how black text looks on a background with the Hex color 583301.



This preview shows how white text looks on a background with the Hex color 583301.

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
583301

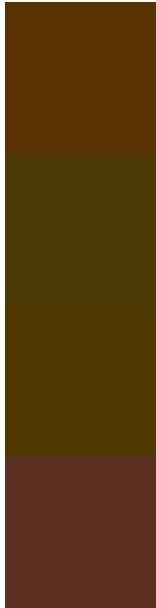
Protanopia
443C07

Deuteranopia
4C3900



Tritanopia
5A2F33

Trichromacy



Original Color
583301

Protanomaly
4B3905

Deuteranomaly
503700

Tritanomaly
593021

Monochromacy



Original Color
583301

Achromatopsia
383838

Achromatomaly
443624

CSS Examples

Text

The CSS property to change the color of the text to Hex 583301 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 #583301 looks like.

```
.text, #text, p{  
    color:#583301  
}
```

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 #583301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583301
}
```

Border

The CSS property to change the border of an element to Hex 583301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

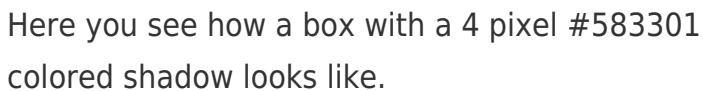
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583301 }
```

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

```
.border{ border-color:#583301 }
```

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



Here you see how a box with a 4 pixel #583301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583301; -webkit-box-shadow:4px 4px  
4px 4px #583301; box-shadow:4px 4px 4px  
4px #583301 }
```

Background

The CSS property to change the background color of an element to Hex 583301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583301 }
```

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

```
.background{ background-color:#583301 }
```

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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