

Converting Colors

Hex(583A06)

Have a look what the booklet for
Hex(583A06) contains.

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Color

Hex(583A06)

Conversions

Conversions Part 1

Format	Color
Hex	583A06
RGB	88, 58, 6
RGB Percent	35%, 23%, 2%
CMY	0.6549, 0.7725, 0.9765
CMYK	0.00, 0.34, 0.93, 0.65
HSL	38°, 87%, 18%
HSV	38°, 93%, 35%
XYZ	5.5704, 5.1140, 0.8658
YIQ	61.0420, 34.5720, -9.8120

Conversions

Conversions Part 2

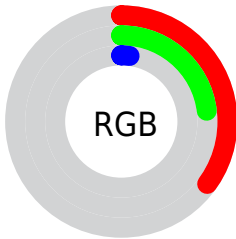
Format	Color
R_{YB}	53, 88, 6
Decimal	5782022
CIE Lab	27.06, 8.63, 34.27
CIE LCh	27, 35.335, 75.870
Yxy	5.1140, 0.4823, 0.4428
Android (android.graphics.Color)	4283972102 (0xFF583A06)
YUV	61.0420, -27.1357, 23.6422
Hunter-Lab	22.6141, 4.3945, 13.5599

Details

The Hex color **583A06** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **062458**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8E6935**, and **261000** is the 20% darker color. If you saturate the color by 10%, you get **583800**, and if you desaturate by 10%, it is **583D0F**.

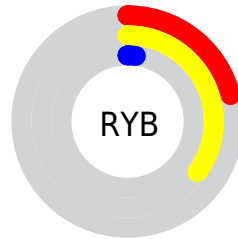
Distribution



Red (35%)

Green (23%)

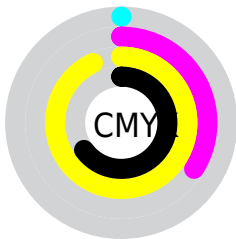
Blue (2%)



Red (21%)

Yellow (35%)

Blue (2%)

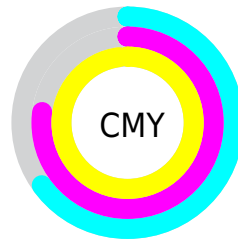


Cyan (0%)

Magenta (34%)

Yellow (93%)

Black (65%)



Cyan (65%)

Magenta (77%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583A06 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 583A06 by changing the saturation by 10% instead.

 583A06

 583A06

 FFFFED

 3F2400

 8E6935

 261000

 A9824D

 000000

 C69C66

 E3B77F

 FFD299

 FFEFB5

 FFFF00

 583A06

 583A06

■ 583800

■ 583D0F

■ 584018

■ 584420

■ 584729

■ 584A32

■ 584D3B

■ 585144

■ 58544C

■ 585755

Harmonies

Analogous

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



692F1A



583A06



404304

Triad

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



583A06



004D4E



533266

Complementary

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



583A06



062458

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.



253E74



583A06



004B66

Square

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



583A06



004C32



004774



6A284E

Rectangle

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



583A06



2C4710



004774



47366C

Sweetspot

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



583A06



736753



580624



3B3327



BABABA



3B3B3B

Same Dimension

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



583A06



734900



4D5806



2B2A27



6B4400



EB9500

Inverse Universe

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



062458



002A73



110658



27292B



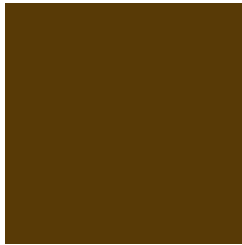
00276B



0056EB

Previews

White Background



This preview shows how the Hex color 583A06 looks on a white background.

Color Contrast Check

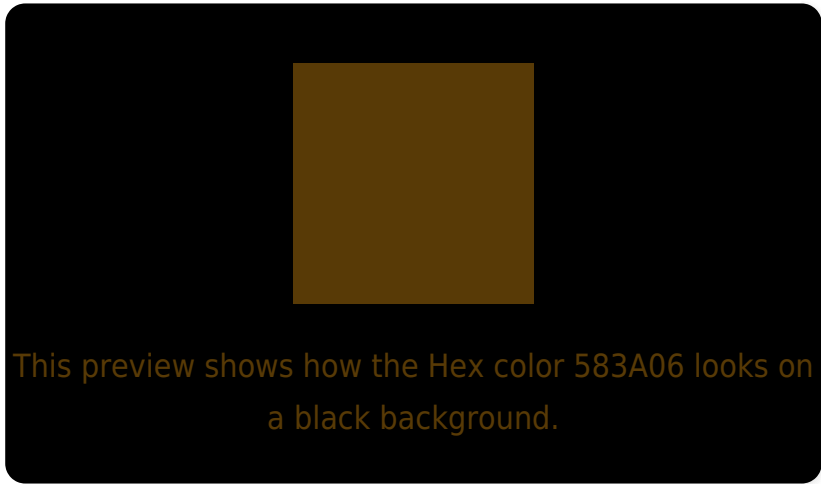
Large Text (above 18pt) WCAG AA ✓ Pass

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

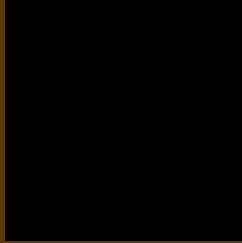
Any Text WCAG AA × Fail

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 583A06 Background



This preview shows how black text looks on a background with the Hex color 583A06.



This preview shows how white text looks on a background with the Hex color 583A06.

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
583A06

Protanopia
494108

Deuteranopia
523D00



Tritanopia
5A363A

Trichromacy



Original Color
583A06

Protanomaly
4E3E07

Deuteranomaly
543C02

Tritanomaly
593727

Monochromacy



Original Color
583A06

Achromatopsia
3D3D3D

Achromatomaly
473C29

CSS Examples

Text

The CSS property to change the color of the text to Hex 583A06 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 #583A06 looks like.

```
.text, #text, p{  
    color:#583A06  
}
```

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 #583A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583A06
}
```

Border

The CSS property to change the border of an element to Hex 583A06 is called "border". The border property can be set on classes, ids or directly on the HTML element.

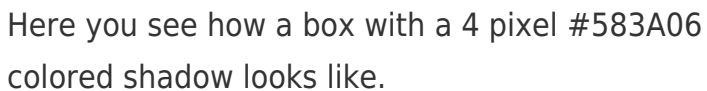
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583A06 }
```

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

```
.border{ border-color:#583A06 }
```

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



Here you see how a box with a 4 pixel #583A06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583A06; -webkit-box-shadow:4px 4px  
4px 4px #583A06; box-shadow:4px 4px 4px  
4px #583A06 }
```

Background

The CSS property to change the background color of an element to Hex 583A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583A06 }
```

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

```
.background{ background-color:#583A06 }
```

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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