

# Converting Colors

Hex(573A06)

Have a look what the booklet for  
Hex(573A06) contains.

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**Color**

**Hex(573A06)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	573A06
RGB	87, 58, 6
RGB Percent	34%, 23%, 2%
CMY	0.6588, 0.7725, 0.9765
CMYK	0.00, 0.33, 0.93, 0.66
HSL	39°, 87%, 18%
HSV	39°, 93%, 34%
XYZ	5.4764, 5.0655, 0.8614
YIQ	60.7430, 33.9760, -10.0240

# Conversions

## Conversions Part 2

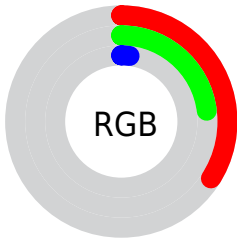
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	51, 87, 6
Decimal	5716486
CIE Lab	26.92, 8.12, 34.09
CIE LCh	27, 35.046, 76.611
Yxy	5.0655, 0.4802, 0.4442
Android (android.graphics.Color)	4283906566 (0xFF573A06)
YUV	60.7430, -26.9883, 23.0274
Hunter-Lab	22.5067, 4.0467, 13.4855

# Details

The Hex color **573A06** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **062357**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8C6935**, and **251000** is the 20% darker color. If you saturate the color by 10%, you get **573800**, and if you desaturate by 10%, it is **573D0F**.

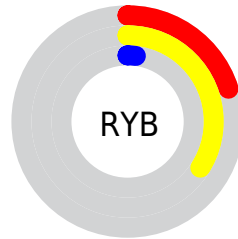
# Distribution



 Red (34%)

 Green (23%)

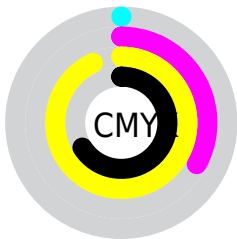
 Blue (2%)



 Red (20%)

 Yellow (34%)

 Blue (2%)

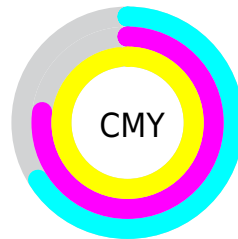


 Cyan (0%)

 Magenta (33%)

 Yellow (93%)

 Black (66%)



 Cyan (66%)

 Magenta (77%)

 Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 573A06 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 573A06 by changing the saturation by 10% instead.



 573A06

 573A06

 FFFFED

 3E2400

 8C6935

 251000

 A8824D

 000000

 C49C66

 E1B77F

 FFD299

 FFEFB4

 FFFF00

 573A06

 573A06

■ 573800

■ 573D0F

■ 574017

■ 574320

■ 574629

■ 574A32

■ 574D3A

■ 575043

■ 57534C

■ 575654

# Harmonies

## Analogous

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



682F19



573A06



3F4305

# Triad

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



573A06



004C4E



543265

# Complementary

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



573A06



062357

# 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.



273D73



573A06



004B66

# Square

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



573A06



004C32



004674



6A274D

# Rectangle

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



573A06



2B4711



004674



48366B



# Sweetspot

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



573A06



706551



570624



383125



B8B8B8



383838



# Same Dimension

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



573A06



704800



4C5706



2B2A27



6B4500



EB9700



# Inverse Universe

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



062357



002870



110657



27292B



00266B



0054EB



# Previews

## White Background



This preview shows how the Hex color 573A06 looks on a white background.

## Color Contrast Check

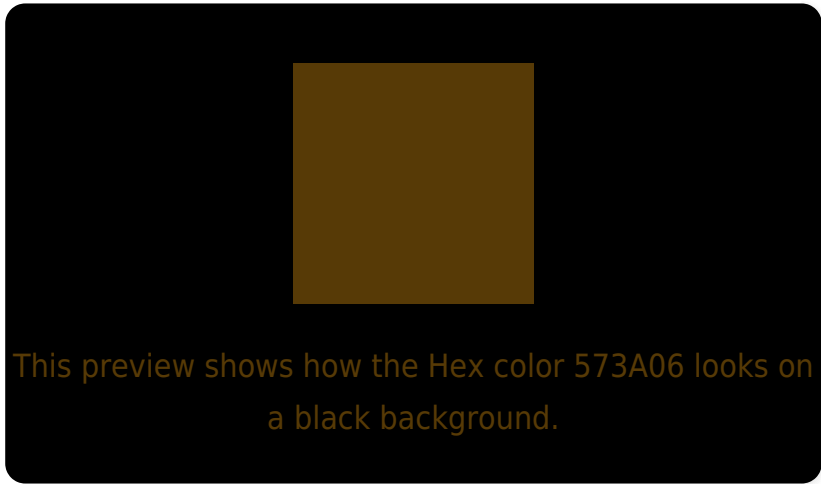
Large Text (above 18pt) WCAG AA ✓ Pass

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

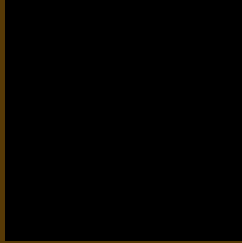
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 573A06 Background



This preview shows how black text looks on a background with the Hex color 573A06.



This preview shows how white text looks on a background with the Hex color 573A06.

# 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**  
573A06

**Protanopia**  
484008

**Deuteranopia**  
513D00



**Tritanopia**  
59363A

# Trichromacy



**Original Color**  
573A06

**Protanomaly**  
4D3E07

**Deuteranomaly**  
533C02

**Tritanomaly**  
583727

# Monochromacy



**Original Color**  
573A06

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
463C29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 573A06 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 #573A06 looks like.

```
.text, #text, p{  
    color:#573A06  
}
```

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 #573A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #573A06
}
```

## Border

The CSS property to change the border of an element to Hex 573A06 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
#573A06 }
```

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

```
.border{ border-color:#573A06 }
```

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

Here you see how a box with a 4 pixel #573A06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #573A06; -webkit-box-shadow:4px 4px  
4px 4px #573A06; box-shadow:4px 4px 4px  
4px #573A06 }
```

# Background

The CSS property to change the background color of an element to Hex 573A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#573A06 }
```

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

```
.background{ background-color:#573A06 }
```

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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