

Converting Colors

Hex(573006)

Have a look what the booklet for
Hex(573006) contains.

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Color

Hex(573006)

Conversions

Conversions Part 1

Format	Color
Hex	573006
RGB	87, 48, 6
RGB Percent	34%, 19%, 2%
CMY	0.6588, 0.8118, 0.9765
CMYK	0.00, 0.45, 0.93, 0.66
HSL	31°, 87%, 18%
HSV	31°, 93%, 34%
XYZ	5.0203, 4.1533, 0.7094
YIQ	54.8730, 36.7260, -4.7940

Conversions

Conversions Part 2

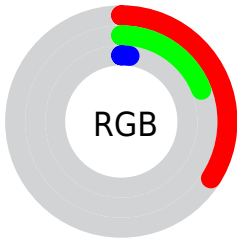
Format	Color
R_{YB}	81, 87, 6
Decimal	5713926
CIE Lab	24.17, 14.45, 31.53
CIE LCh	24, 34.681, 65.384
Yxy	4.1533, 0.5080, 0.4202
Android (android.graphics.Color)	4283904006 (0xFF573006)
YUV	54.8730, -24.0944, 28.1754
Hunter-Lab	20.3796, 8.3072, 12.2020

Details

The Hex color **573006** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **062D57**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **8D5E34**, and **250300** is the 20% darker color. If you saturate the color by 10%, you get **572D00**, and if you desaturate by 10%, it is **57340F**.

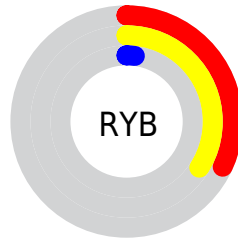
Distribution



Red (34%)

Green (19%)

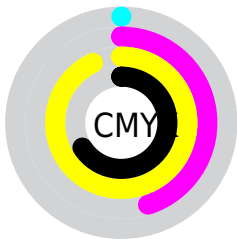
Blue (2%)



Red (32%)

Yellow (34%)

Blue (2%)

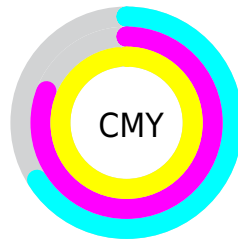


Cyan (0%)

Magenta (45%)

Yellow (93%)

Black (66%)



Cyan (66%)

Magenta (81%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 573006 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 573006 by changing the saturation by 10% instead.

 573006

 573006

 FFFFEA

 3D1B00

 8D5E34

 250300

 A9774B

 000000

 C59164

 E2AB7D

 FFC797

 FFE3B2

 FFFFCE

 573006

 573006

■ 572D00

■ 57340F

■ 573817

■ 573D20

■ 574129

■ 574532

■ 57493A

■ 574D43

■ 57524C

■ 575654

Harmonies

Analogous

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



65251D



573006



423A00

Triad

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



573006



00463E



403064

Complementary

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



573006



062D57

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.



003B6E



573006



004557

Square

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



573006



004423



004269



5C2450

Rectangle

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



573006



313F03



004269



313469

Sweetspot

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



573006



706151



57062D



382F25



B8B8B8



383838

Same Dimension

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



573006



703A00



565706



2B2927



6B3800



EB7A00

Inverse Universe

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



062D57



003670



070657



27292B



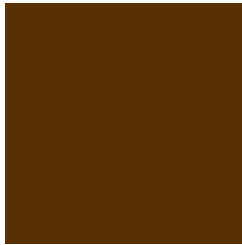
00346B



0071EB

Previews

White Background



This preview shows how the Hex color 573006 looks on a white background.

Color Contrast Check

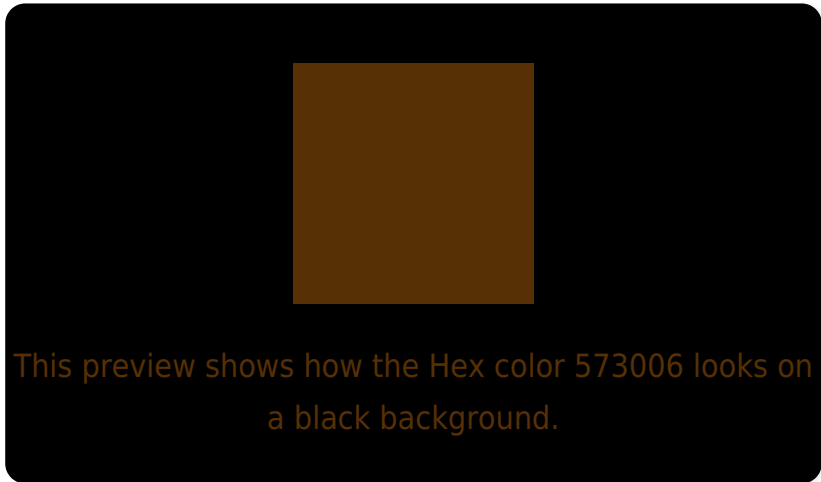
Large Text (above 18pt) WCAG AA ✓ Pass

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

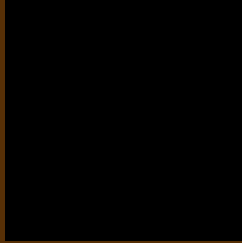
Any Text WCAG AA × Fail

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 573006 Background



This preview shows how black text looks on a background with the Hex color 573006.



This preview shows how white text looks on a background with the Hex color 573006.

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
573006

Protanopia
423A09

Deuteranopia
4A3700



Tritanopia
592D30

Trichromacy



Original Color
573006

Protanomaly
4A3608

Deuteranomaly
4F3402

Tritanomaly
582E21

Monochromacy



Original Color
573006

Achromatopsia
373737

Achromatomaly
433425

CSS Examples

Text

The CSS property to change the color of the text to Hex 573006 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 #573006 looks like.

```
.text, #text, p{  
    color:#573006  
}
```

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 #573006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #573006
}
```

Border

The CSS property to change the border of an element to Hex 573006 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".

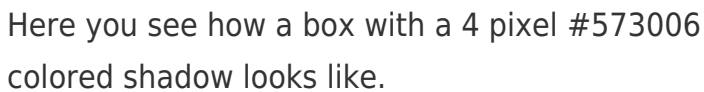
```
.border, #border, table{ border:4px solid
#573006 }
```

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

```
.border{ border-color:#573006 }
```

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

Here you see how a box with a 4 pixel #573006 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #573006; -webkit-box-shadow:4px 4px  
4px 4px #573006; box-shadow:4px 4px 4px  
4px #573006 }
```

Background

The CSS property to change the background color of an element to Hex 573006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#573006 }
```

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

```
.background{ background-color:#573006 }
```

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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