

Converting Colors

Hex(5D4006)

Have a look what the booklet for
Hex(5D4006) contains.

Hex(5D4006)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D4006)

Conversions

Conversions Part 1

Format	Color
Hex	5D4006
RGB	93, 64, 6
RGB Percent	36%, 25%, 2%
CMY	0.6353, 0.7490, 0.9765
CMYK	0.00, 0.31, 0.94, 0.64
HSL	40°, 88%, 19%
HSV	40°, 94%, 36%
XYZ	6.3805, 6.0071, 0.9955
YIQ	66.0590, 35.9020, -11.8900

Conversions

Conversions Part 2

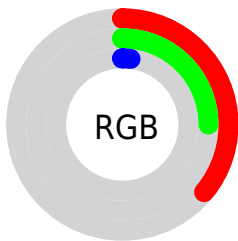
Format	Color
RYB	50, 93, 6
Decimal	6111238
CIELab	29.43, 7.39, 36.51
CIELCh	29, 37.248, 78.560
Yxy	6.0071, 0.4768, 0.4489
Android (android.graphics.Color)	4284301318 (0xFF5D4006)
YUV	66.0590, -29.6091, 23.6273
Hunter-Lab	24.5094, 3.5771, 14.7484

Details

The Hex color **5D4006** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **06235D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **937037**, and **2A1600** is the 20% darker color. If you saturate the color by 10%, you get **5D3E00**, and if you desaturate by 10%, it is **5D430F**.

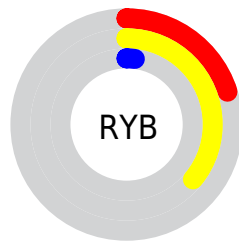
Distribution



Red (36%)

Green (25%)

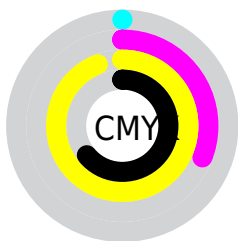
Blue (2%)



Red (20%)

Yellow (36%)

Blue (2%)

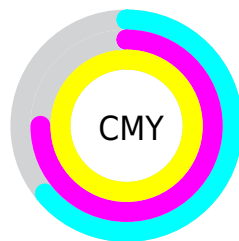


Cyan (0%)

Magenta (31%)

Yellow (94%)

Black (64%)



Cyan (64%)

Magenta (75%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D4006 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 5D4006 by changing the saturation by 10% instead.

 5D4006

 5D4006

 FFFFEF

 442A00

 937037

 2A1600

 AF894F

 0D0000

 CBA367

 000000

 E8BE81

 FFDA9B

 FFF6B7

 FFFFD2

 5D4006

 5D4006

■ 5D3E00

■ 5D430F

■ 5D4619

■ 5D4922

■ 5D4C2B

■ 5D4F34

■ 5D533E

■ 5D5647

■ 5D5950

■ 5D5C5A

Harmonies

Analogous

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



70341B



5D4006



434906

Triad

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



5D4006



005357



5D366C

Complementary

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



5D4006



06235D

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.



2F427C



5D4006



005170

Square

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



5D4006



005239



004C7E



742B52

Rectangle

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



5D4006



2D4E14



004C7E



513A73

Sweetspot

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



5D4006



786D56



5D0623



3D3628



BDBDBD



3D3D3D

Same Dimension

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



5D4006



785000



4E5D06



2E2C29



6E4900



ED9E00

Inverse Universe

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



06235D



002878



14065D



292B2E



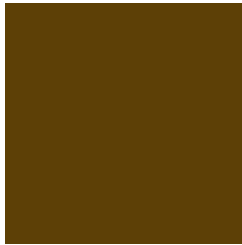
00256E



004FED

Previews

White Background



This preview shows how the Hex color 5D4006 looks on a white background.

Color Contrast Check

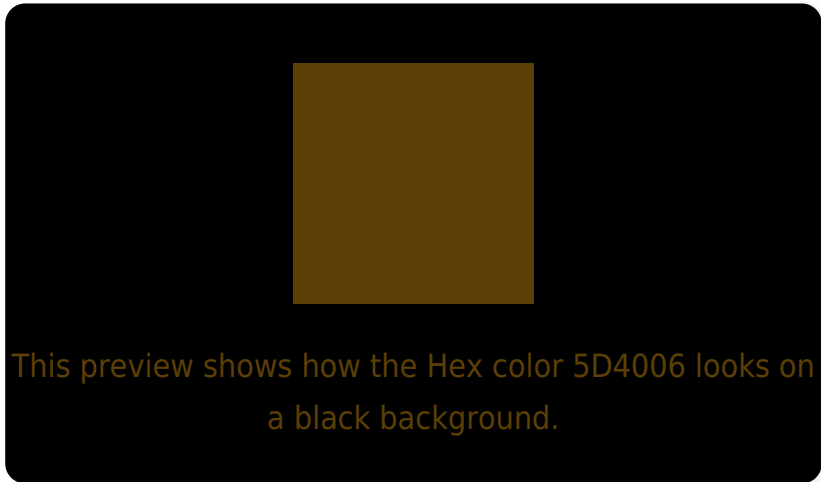
Large Text (above 18pt) WCAG AA ✓ Pass

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

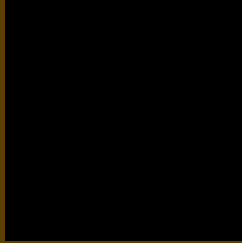
Any Text WCAG AA × Fail

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 5D4006 Background



This preview shows how black text looks on a background with the Hex color 5D4006.



This preview shows how white text looks on a background with the Hex color 5D4006.

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
5D4006

Protanopia
4F4608

Deuteranopia
584200



Tritanopia
603C40

Trichromacy



Original Color
5D4006

Protanomaly
544407

Deuteranomaly
5A4102

Tritanomaly
5F3D2B

Monochromacy



Original Color
5D4006

Achromatopsia
424242

Achromatomaly
4C412C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D4006 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 #5D4006 looks like.

```
.text, #text, p{  
    color:#5D4006  
}
```

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 #5D4006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4006
}
```

Border

The CSS property to change the border of an element to Hex 5D4006 is called "border". The border property can be set on classes, ids or directly on the HTML element.

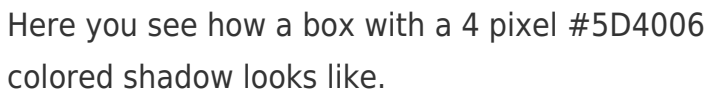
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D4006 }
```

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

```
.border{ border-color:#5D4006 }
```

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



Here you see how a box with a 4 pixel #5D4006 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4006; -webkit-box-shadow:4px 4px  
4px 4px #5D4006; box-shadow:4px 4px 4px  
4px #5D4006 }
```

Background

The CSS property to change the background color of an element to Hex 5D4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4006 }
```

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

```
.background{ background-color:#5D4006 }
```

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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