

Converting Colors

Hex(5A5A06)

Have a look what the booklet for
Hex(5A5A06) contains.

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Color

Hex(5A5A06)

Conversions

Conversions Part 1

Format	Color
Hex	5A5A06
RGB	90, 90, 6
RGB Percent	35%, 35%, 2%
CMY	0.6471, 0.6471, 0.9765
CMYK	0.00, 0.00, 0.93, 0.65
HSL	60°, 88%, 19%
HSV	60°, 93%, 35%
XYZ	7.9055, 9.4991, 1.5891
YIQ	80.4240, 26.9640, -26.1240

Conversions

Conversions Part 2

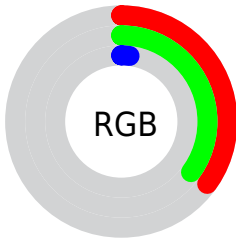
Format	Color
RYB	6, 90, 6
Decimal	5921286
CIELab	36.93, -9.88, 42.38
CIELCh	37, 43.516, 103.126
Yxy	9.4991, 0.4162, 0.5001
Android (android.graphics.Color)	4284111366 (0xFF5A5A06)
YUV	80.4240, -36.6910, 8.3982
Hunter-Lab	30.8207, -8.1510, 18.5174

Details

The Hex color **5A5A06** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **06065A**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8F8C3C**, and **282D00** is the 20% darker color. If you saturate the color by 10%, you get **5A5A00**, and if you desaturate by 10%, it is **5A5A0F**.

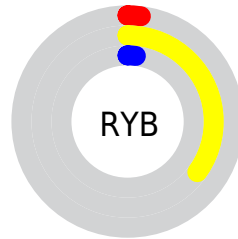
Distribution



Red (35%)

Green (35%)

Blue (2%)



Red (2%)

Yellow (35%)

Blue (2%)

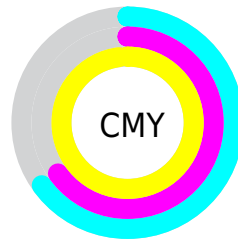


Cyan (0%)

Magenta (0%)

Yellow (93%)

Black (65%)



Cyan (65%)

Magenta (65%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5A06 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 5A5A06 by changing the saturation by 10% instead.

 5A5A06

 5A5A06

 FFFFF8

 414300

 8F8C3C

 282D00

 AAA654

 0D1900

 C6C16E

 000000

 E3DD88

 FFFAA3

 FFFFBF

 FFFFDB

 5A5A06

 5A5A06

■ 5A5A00

■ 5A5A0F

■ 5A5A18

■ 5A5A21

■ 5A5A2A

■ 5A5A33

■ 5A5A3C

■ 5A5A45

■ 5A5A4E

■ 5A5A57

Harmonies

Analogous

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



794E0D



5A5A06



326220

Triad

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



5A5A06



006686



8C386C

Complementary

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



5A5A06



06065A

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.



6C478A



5A5A06



00609A

Square

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



5A5A06



006766



2B569B



963549

Rectangle

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



5A5A06



006536



2B569B



843C77

Sweetspot

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



5A5A06



757554



5A0606



3B3B27



BABABA



3B3B3B

Same Dimension

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



5A5A06



757500



305A06



2E2E29



6E6E00



EDED00

Inverse Universe

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



06065A



000075



30065A



29292E



00006E



0000ED

Previews

White Background



This preview shows how the Hex color 5A5A06 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

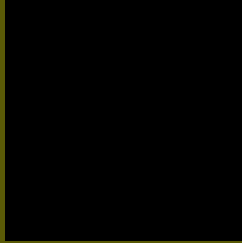
Any Text WCAG AA × Fail

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 5A5A06 Background



This preview shows how black text looks on a background with the Hex color 5A5A06.



This preview shows how white text looks on a background with the Hex color 5A5A06.

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
5A5A06

Protanopia
625704

Deuteranopia
6E530F



Tritanopia
60545A

Trichromacy



Original Color
5A5A06

Protanomaly
5F5805

Deuteranomaly
67560C

Tritanomaly
5E563B

Monochromacy



Original Color
5A5A06

Achromatopsia
505050

Achromatomaly
545435

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5A06 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 #5A5A06 looks like.

```
.text, #text, p{  
    color:#5A5A06  
}
```

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 #5A5A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5A06
}
```

Border

The CSS property to change the border of an element to Hex 5A5A06 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".

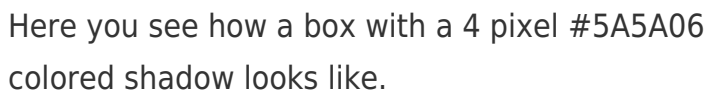
```
.border, #border, table{ border:4px solid
#5A5A06 }
```

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

```
.border{ border-color:#5A5A06 }
```

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

Here you see how a box with a 4 pixel #5A5A06 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5A06; -webkit-box-shadow:4px 4px  
4px 4px #5A5A06; box-shadow:4px 4px 4px  
4px #5A5A06 }
```

Background

The CSS property to change the background color of an element to Hex 5A5A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5A06 }
```

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

```
.background{ background-color:#5A5A06 }
```

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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