

Converting Colors

Hex(5A5900)

Have a look what the booklet for
Hex(5A5900) contains.

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Color

Hex(5A5900)

Conversions

Conversions Part 1

Format	Color
Hex	5A5900
RGB	90, 89, 0
RGB Percent	35%, 35%, 0%
CMY	0.6471, 0.6510, 1.0000
CMYK	0.00, 0.01, 1.00, 0.65
HSL	59°, 100%, 18%
HSV	59°, 100%, 35%
XYZ	7.7888, 9.3184, 1.3881
YIQ	79.1530, 29.1650, -27.4670

Conversions

Conversions Part 2

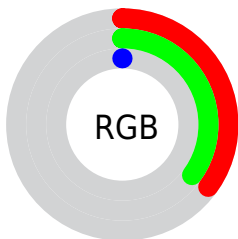
Format	Color
R_{YB}	1, 90, 0
Decimal	5921024
CIE Lab	36.59, -9.50, 43.95
CIE LCh	37, 44.967, 102.203
Yxy	9.3184, 0.4211, 0.5038
Android (android.graphics.Color)	4284111104 (0xFF5A5900)
YUV	79.1530, -39.0224, 9.5128
Hunter-Lab	30.5261, -7.8758, 18.6721

Details

The Hex color **5A5900** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **00015A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8F8B37**, and **282C00** is the 20% darker color. If you saturate the color by 10%, you get **5A5900**, and if you desaturate by 10%, it is **5A5909**.

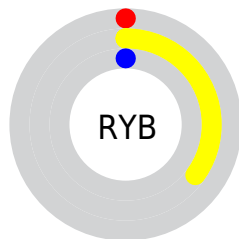
Distribution



Red (35%)

Green (35%)

Blue (0%)



Red (0%)

Yellow (35%)

Blue (0%)

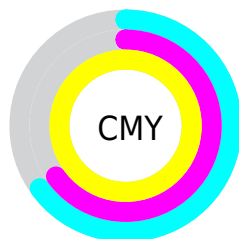


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (65%)



Cyan (65%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5900 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 5A5900 by changing the saturation by 10% instead.

 5A5900

 5A5900

 FFFFF3

 414200

 8F8B37

 282C00

 ABA551

 0C1800

 C7C06A

 000000

 E4DC84

 FFF89F

 FFFFBA

 FFFF7D

 5A5900

 5A5909

 5A5912

 5A591B

 5A5924

 5A5A2D

 5A5A36

 5A5A3F

 5A5A48

 5A5A51

Harmonies

Analogous

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



794C09



5A5900



31611C

Triad

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



5A5900



006686



8C366D

Complementary

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



5A5900



00015A

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.



6A468C



5A5900



00609B

Square

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



5A5900



006764



22559D



973249

Rectangle

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



5A5900



006432



22559D



833B78

Sweetspot

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



5A5900



757552



5A0001



3B3A26



BABABA



3B3B3B

Same Dimension

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



5A5900



757400



2F5A00



2E2E29



6E6C00



EDEB00

Inverse Universe

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



00015A



000175



2C005A



29292E



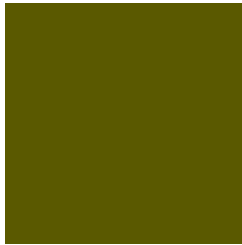
00016E



0003ED

Previews

White Background



This preview shows how the Hex color 5A5900 looks on a white background.

Color Contrast Check

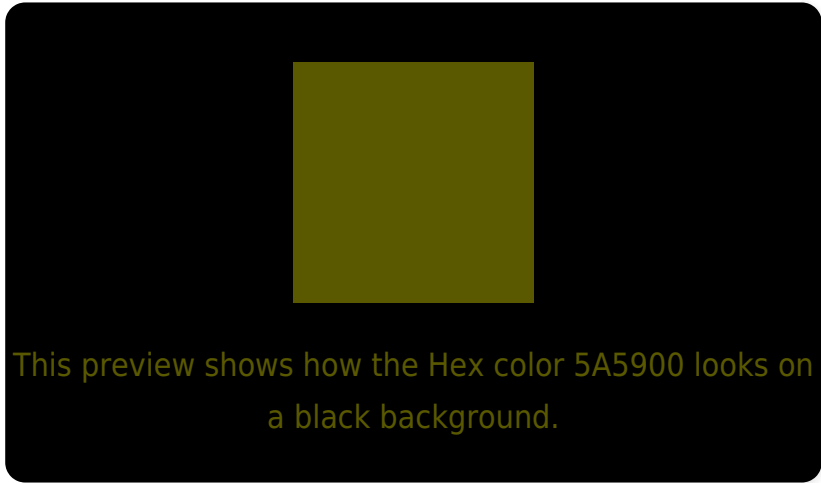
Large Text (above 18pt) WCAG AA ✓ Pass

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

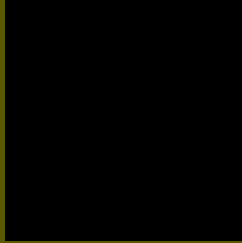
Any Text WCAG AA × Fail

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 5A5900 Background



This preview shows how black text looks on a background with the Hex color 5A5900.



This preview shows how white text looks on a background with the Hex color 5A5900.

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
5A5900

Protanopia
615700

Deuteranopia
6D520D



Tritanopia
605359

Trichromacy



Original Color
5A5900

Protanomaly
5E5800

Deuteranomaly
665508

Tritanomaly
5E5539

Monochromacy



Original Color
5A5900

Achromatopsia
4F4F4F

Achromatomaly
535332

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5900 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 #5A5900 looks like.

```
.text, #text, p{  
    color:#5A5900  
}
```

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 #5A5900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5900
}
```

Border

The CSS property to change the border of an element to Hex 5A5900 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
#5A5900 }
```

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

```
.border{ border-color:#5A5900 }
```

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

Here you see how a box with a 4 pixel #5A5900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5900; -webkit-box-shadow:4px 4px  
4px 4px #5A5900; box-shadow:4px 4px 4px  
4px #5A5900 }
```

Background

The CSS property to change the background color of an element to Hex 5A5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5900 }
```

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

```
.background{ background-color:#5A5900 }
```

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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