

# Converting Colors

Hex(5C8602)

Have a look what the booklet for  
Hex(5C8602) contains.

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**Color**

**Hex(5C8602)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C8602
RGB	92, 134, 2
RGB Percent	36%, 53%, 1%
CMY	0.6392, 0.4745, 0.9922
CMYK	0.31, 0.00, 0.99, 0.47
HSL	79°, 97%, 27%
HSV	79°, 99%, 53%
XYZ	12.9497, 19.3299, 3.1060
YIQ	106.3940, 17.3400, -49.9560

# Conversions

## Conversions Part 2

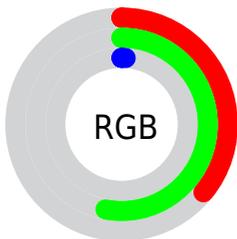
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 134, 44
Decimal	6063618
CIELab	51.07, -31.82, 54.53
CIELCh	51, 63.133, 120.262
Yxy	19.3299, 0.3660, 0.5463
Android (android.graphics.Color)	4284253698 (0xFF5C8602)
YUV	106.3940, -51.4662, -12.6235
Hunter-Lab	43.9658, -24.3647, 26.5875

# Details

The Hex color **5C8602** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2C0286**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **92BB43**, and **275400** is the 20% darker color. If you saturate the color by 10%, you get **5B8600**, and if you desaturate by 10%, it is **60860F**.

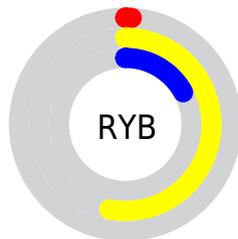
# Distribution



Red (36%)

Green (53%)

Blue (1%)



Red (1%)

Yellow (53%)

Blue (17%)

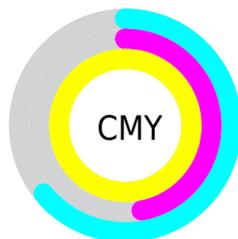


Cyan (31%)

Magenta (0%)

Yellow (99%)

Black (47%)



Cyan (64%)

Magenta (47%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C8602 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 5C8602 by changing the saturation by 10% instead.



5C8602



5C8602

FFFFFF



416D00



92BB43



275400



AED75E



053C00



CBF479



002700



E8FF94



000700



FFFFAF



000000



FFFACC



FFFEE9



5C8602



5C8602

■ 5B8600

■ 60860F

■ 65861D

■ 69862A

■ 6D8638

■ 718645

■ 768652

■ 7A8660

■ 7E866D

■ 82867B

# Harmonies

## Analogous

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



927700



5C8602



008E41

# Triad

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



5C8602



008DD7



D63F7C

# Complementary

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



5C8602



2C0286

# 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.



BA50B0



5C8602



0080E6

# Square

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



5C8602



0092AF



776BD8



D54947

# Rectangle

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



5C8602



009166



776BD8



D1428E

# Sweetspot

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



5C8602



9DAD79



862C02



4D5737



D6D6D6



575757



# Same Dimension

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



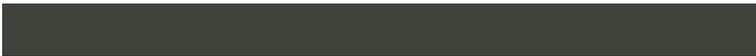
5C8602



76AD00



1A8602



40423C



598200



020300



# Inverse Universe

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



2C0286



3700AD



6E0286



3E3C42



290082

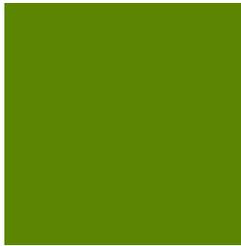


010003



# Previews

## White Background



This preview shows how the Hex color 5C8602 looks on a white background.

## Color Contrast Check

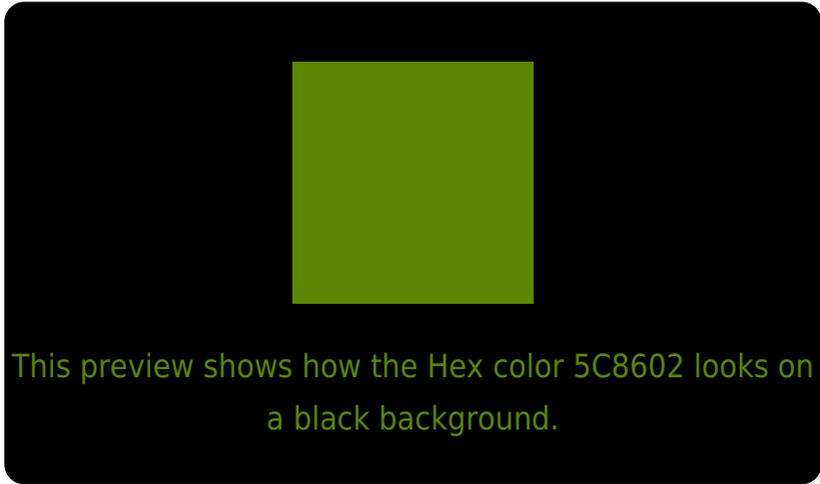
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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 × Fail

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

## Hex 5C8602 Background



This preview shows how black text looks on a background with the Hex color 5C8602.



This preview shows how white text looks on a background with the Hex color 5C8602.

# 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



# Trichromacy



**Original Color**  
5C8602

**Deuteranomaly**  
837A11

**Tritanomaly**  
648056

# Monochromacy



**Original Color**  
5C8602

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
657444

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C8602 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 #5C8602 looks like.

```
.text, #text, p{  
    color:#5C8602  
}
```

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 #5C8602 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C8602
}
```

## Border

The CSS property to change the border of an element to Hex 5C8602 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".

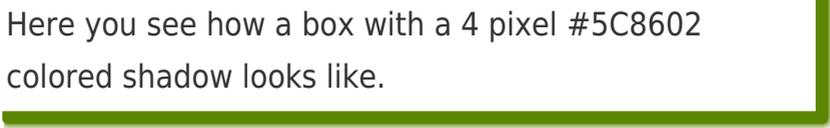
```
.border, #border, table{ border:4px solid
#5C8602 }
```

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

```
.border{ border-color:#5C8602 }
```

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

Here you see how a box with a 4 pixel #5C8602 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C8602; -webkit-box-shadow:4px 4px  
4px 4px #5C8602; box-shadow:4px 4px 4px  
4px #5C8602 }
```

# Background

The CSS property to change the background color of an element to Hex 5C8602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C8602 }
```

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

```
.background{ background-color:#5C8602 }
```

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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