

Converting Colors

Hex(5F8800)

Have a look what the booklet for
Hex(5F8800) contains.

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Color

Hex(5F8800)

Conversions

Conversions Part 1

Format	Color
Hex	5F8800
RGB	95, 136, 0
RGB Percent	37%, 53%, 0%
CMY	0.6275, 0.4667, 1.0000
CMYK	0.30, 0.00, 1.00, 0.47
HSL	78°, 100%, 27%
HSV	78°, 100%, 53%
XYZ	13.5235, 20.0412, 3.1556
YIQ	108.2370, 19.2200, -50.9880

Conversions

Conversions Part 2

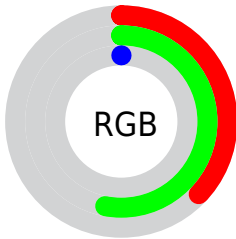
Format	Color
RYB	0, 136, 41
Decimal	6260736
CIELab	51.88, -31.57, 55.61
CIELCh	52, 63.947, 119.588
Yxy	20.0412, 0.3683, 0.5458
Android (android.graphics.Color)	4284450816 (0xFF5F8800)
YUV	108.2370, -53.3608, -11.6088
Hunter-Lab	44.7674, -24.4212, 27.1579

Details

The Hex color **5F8800** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **290088**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **96BE43**, and **2A5600** is the 20% darker color. If you saturate the color by 10%, you get **5F8800**, and if you desaturate by 10%, it is **63880E**.

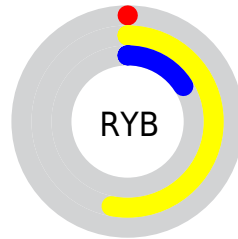
Distribution



Red (37%)

Green (53%)

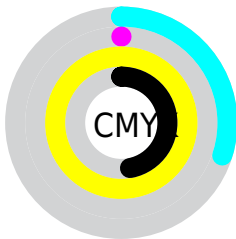
Blue (0%)



Red (0%)

Yellow (53%)

Blue (16%)

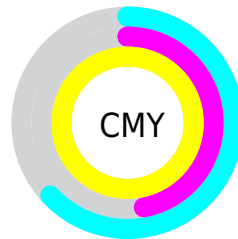


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (63%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F8800 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 5F8800 by changing the saturation by 10% instead.

 5F8800

 5F8800

FFFFFF

 446E00

 96BE43

 2A5600

 B2D95E

 093E00

 CEF678

 002800

 ECFF94

 000D00

 FFFFAF

 000000

 FFFFCC

 FFFF99

 5F8800

 63880E

 67881B

 6B8829

 6F8836

 748844

 788852

 7C885F

 80886D

 84887A

Harmonies

Analogous

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



957900



5F8800



009041

Triad

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



5F8800



008FDA



DA407F

Complementary

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



5F8800



290088

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.



BC52B4



5F8800



0083EA

Square

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



5F8800



0094B1



766DDC



D84A49

Rectangle

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



5F8800



009366



766DDC



D34391

Sweetspot

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



5F8800



A0B07B



882900



505939



D9D9D9



595959

Same Dimension

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



5F8800



7BB000



1B8800



43453E



5D8500



040500

Inverse Universe

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



290088



3500B0



6D0088



403E45



280085



020005

Previews

White Background



This preview shows how the Hex color 5F8800 looks on a white background.

Color Contrast Check

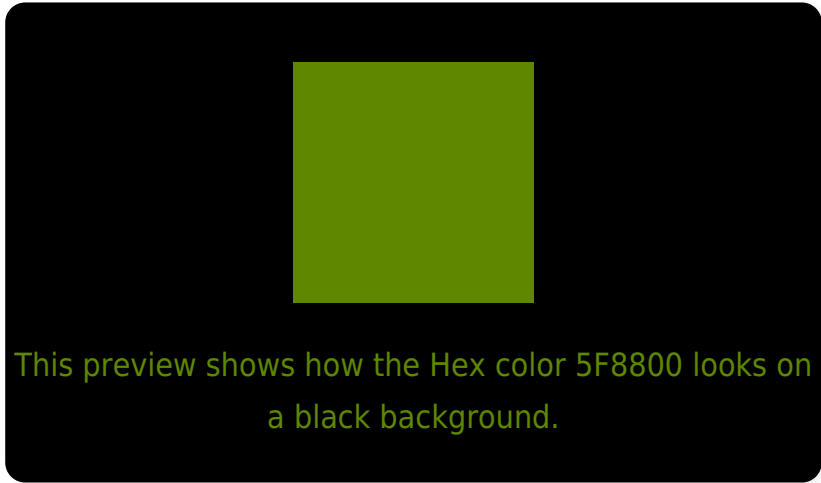
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F8800 Background



This preview shows how black text looks on a background with the Hex color 5F8800.



This preview shows how white text looks on a background with the Hex color 5F8800.

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
5F8800

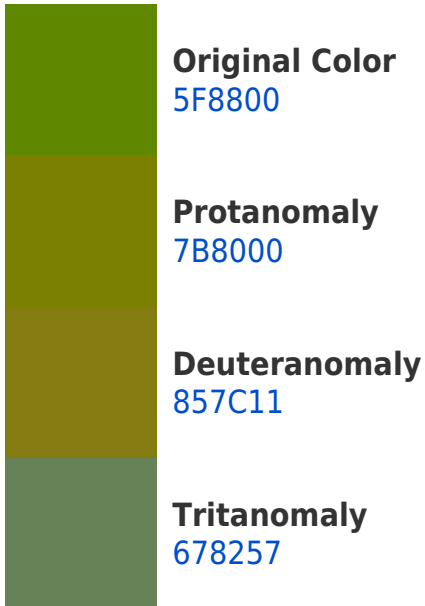
Protanopia
8B7C00

Deuteranopia
9B751A



Tritanopia
6C7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F8800 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 #5F8800 looks like.

```
.text, #text, p{  
    color:#5F8800  
}
```

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 #5F8800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8800
}
```

Border

The CSS property to change the border of an element to Hex 5F8800 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
#5F8800 }
```

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

```
.border{ border-color:#5F8800 }
```

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

Here you see how a box with a 4 pixel #5F8800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8800; -webkit-box-shadow:4px 4px  
4px 4px #5F8800; box-shadow:4px 4px 4px  
4px #5F8800 }
```

Background

The CSS property to change the background color of an element to Hex 5F8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8800 }
```

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

```
.background{ background-color:#5F8800 }
```

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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