

Converting Colors

Hex(5F8E03)

Have a look what the booklet for
Hex(5F8E03) contains.

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Color

Hex(5F8E03)

Conversions

Conversions Part 1

Format	Color
Hex	5F8E03
RGB	95, 142, 3
RGB Percent	37%, 56%, 1%
CMY	0.6275, 0.4431, 0.9882
CMYK	0.33, 0.00, 0.98, 0.44
HSL	80°, 96%, 28%
HSV	80°, 98%, 56%
XYZ	14.4088, 21.7855, 3.5317
YIQ	112.1010, 16.6070, -53.1930

Conversions

Conversions Part 2

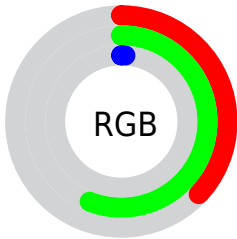
Format	Color
RYB	3, 142, 50
Decimal	6262275
CIELab	53.80, -34.25, 56.56
CIElCh	54, 66.123, 121.199
Yxy	21.7855, 0.3627, 0.5484
Android (android.graphics.Color)	4284452355 (0xFF5F8E03)
YUV	112.1010, -53.7868, -14.9976
Hunter-Lab	46.6749, -26.5774, 28.1861

Details

The Hex color **5F8E03** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **32038E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **96C446**, and **295B00** is the 20% darker color. If you saturate the color by 10%, you get **5E8E00**, and if you desaturate by 10%, it is **648E11**.

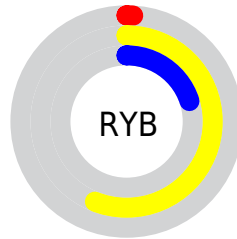
Distribution



Red (37%)

Green (56%)

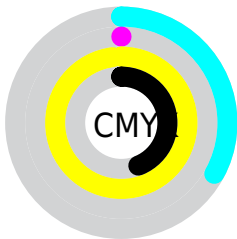
Blue (1%)



Red (1%)

Yellow (56%)

Blue (20%)

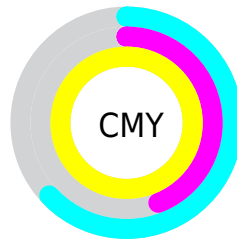


Cyan (33%)

Magenta (0%)

Yellow (98%)

Black (44%)



Cyan (63%)

Magenta (44%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F8E03 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 5F8E03 by changing the saturation by 10% instead.



5F8E03



5F8E03

FFFFFF



447400



96C446



295B00



B2E060



064300



CFFD7B



002D00



ECFF97



001600



FFFFB3



000000



FFFFCF



FFF FEC



5F8E03



5F8E03

■ 5E8E00

■ 648E11

■ 698E1F

■ 6D8E2E

■ 728E3C

■ 778E4A

■ 7C8E58

■ 818E66

■ 858E75

■ 8A8E83

Harmonies

Analogous

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



987F00



5F8E03



009646

Triad

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



5F8E03



0094E4



E34281

Complementary

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



5F8E03



32038E

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.



C654B9



5F8E03



0087F3

Square

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



5F8E03



009ABA



8070E3



E04E49

Rectangle

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



5F8E03



00996D



8070E3



DD4594

Sweetspot

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



5F8E03



A6B882



8E3103



515C3C



DBDBDB



5C5C5C

Same Dimension

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



5F8E03



7AB800



1A8E03



454740



598700



050800

Inverse Universe

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



32038E



3E00B8



77038E



434047



2E0087



030008

Previews

White Background



This preview shows how the Hex color 5F8E03 looks on a white background.

Color Contrast Check

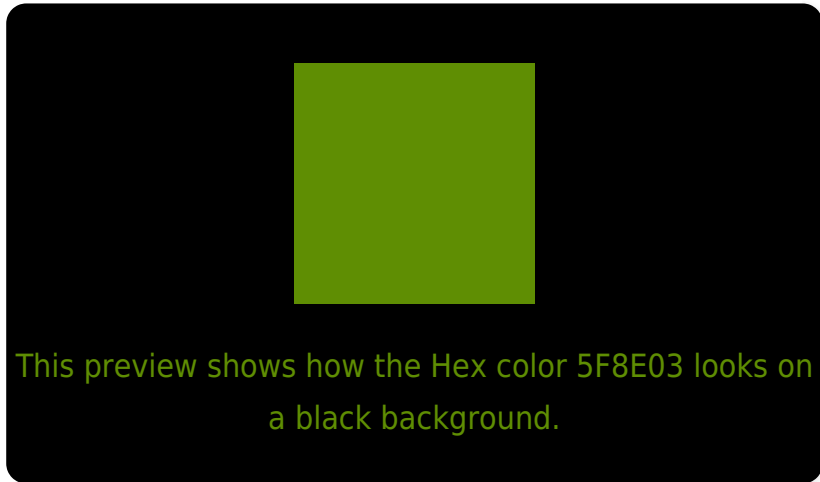
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F8E03 Background



This preview shows how black text looks on a background with the Hex color 5F8E03.



This preview shows how white text looks on a background with the Hex color 5F8E03.

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
5F8E03

Protanopia
918100

Deuteranopia
A17A1B



Tritanopia
6D848F

Trichromacy



Original Color
5F8E03

Protanomaly
7F8601

Deuteranomaly
898112

Tritanomaly
68885C

Monochromacy



Original Color
5F8E03

Achromatopsia
707070

Achromatomaly
6A7B48

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F8E03 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 #5F8E03 looks like.

```
.text, #text, p{  
    color:#5F8E03  
}
```

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 #5F8E03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8E03
}
```

Border

The CSS property to change the border of an element to Hex 5F8E03 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".

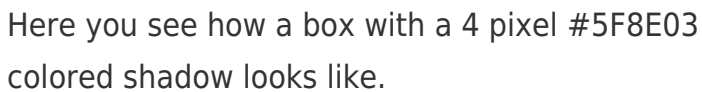
```
.border, #border, table{ border:4px solid
#5F8E03 }
```

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

```
.border{ border-color:#5F8E03 }
```

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

Here you see how a box with a 4 pixel #5F8E03 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8E03; -webkit-box-shadow:4px 4px  
4px 4px #5F8E03; box-shadow:4px 4px 4px  
4px #5F8E03 }
```

Background

The CSS property to change the background color of an element to Hex 5F8E03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8E03 }
```

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

```
.background{ background-color:#5F8E03 }
```

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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