

Converting Colors

Hex(5F8A03)

Have a look what the booklet for
Hex(5F8A03) contains.

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Color

Hex(5F8A03)

Conversions

Conversions Part 1

Format	Color
Hex	5F8A03
RGB	95, 138, 3
RGB Percent	37%, 54%, 1%
CMY	0.6275, 0.4588, 0.9882
CMYK	0.31, 0.00, 0.98, 0.46
HSL	79°, 96%, 28%
HSV	79°, 98%, 54%
XYZ	13.8242, 20.6164, 3.3369
YIQ	109.7530, 17.7070, -51.1010

Conversions

Conversions Part 2

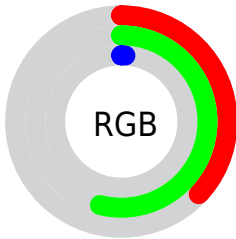
Format	Color
R_{YB}	3, 138, 46
Decimal	6261251
CIE Lab	52.53, -32.43, 55.56
CIE LCh	53, 64.332, 120.268
Yxy	20.6164, 0.3659, 0.5457
Android (android.graphics.Color)	4284451331 (0xFF5F8A03)
YUV	109.7530, -52.6292, -12.9384
Hunter-Lab	45.4053, -25.1127, 27.4264

Details

The Hex color **5F8A03** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2E038A**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **96C045**, and **2A5800** is the 20% darker color. If you saturate the color by 10%, you get **5E8A00**, and if you desaturate by 10%, it is **638A11**.

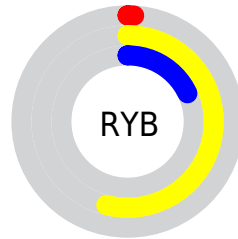
Distribution



Red (37%)

Green (54%)

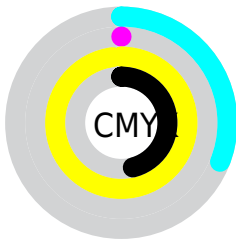
Blue (1%)



Red (1%)

Yellow (54%)

Blue (18%)

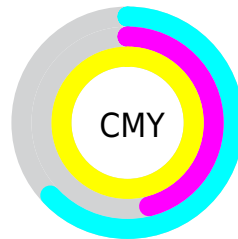


Cyan (31%)

Magenta (0%)

Yellow (98%)

Black (46%)



Cyan (63%)

Magenta (46%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F8A03 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 5F8A03 by changing the saturation by 10% instead.

 5F8A03

 5F8A03

FFFFFF

 447000

 96C045

 2A5800

 B2DC5F

 084000

 CEF87A

 002A00

 ECFF95

 001000

 FFFFB1

 000000

 FFFFCE

 FFFFEA

 5F8A03

 5F8A03

■ 5E8A00

■ 638A11

■ 688A1F

■ 6C8A2C

■ 718A3A

■ 758A48

■ 798A56

■ 7E8A64

■ 828A71

■ 878A7F

Harmonies

Analogous

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



967B00



5F8A03



009243

Triad

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



5F8A03



0091DD



DC417F

Complementary

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



5F8A03



2E038A

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.



BF53B5



5F8A03



0084ED

Square

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



5F8A03



0096B4



7A6EDE



DB4C49

Rectangle

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



5F8A03



009569



7A6EDE



D64492

Sweetspot

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



5F8A03



A2B37F



8A2E03



4F593A



D9D9D9



595959

Same Dimension

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



5F8A03



7AB300



1C8A03



43453E



5A8500



030500

Inverse Universe

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



2E038A



3900B3



71038A



403E45



2A0085



020005

Previews

White Background



This preview shows how the Hex color 5F8A03 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 5F8A03 Background



This preview shows how black text looks on a background with the Hex color 5F8A03.

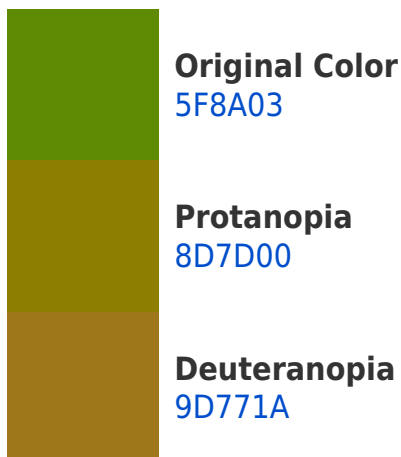


This preview shows how white text looks on a background with the Hex color 5F8A03.

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





Tritanopia
6D808A

Trichromacy



Original Color
5F8A03

Protanomaly
7C8201

Deuteranomaly
867E12

Tritanomaly
688459

Monochromacy



Original Color
5F8A03

Achromatopsia
6E6E6E

Achromatomaly
697847

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F8A03 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 #5F8A03 looks like.

```
.text, #text, p{  
    color:#5F8A03  
}
```

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 #5F8A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8A03
}
```

Border

The CSS property to change the border of an element to Hex 5F8A03 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
#5F8A03 }
```

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

```
.border{ border-color:#5F8A03 }
```

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

Here you see how a box with a 4 pixel #5F8A03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8A03; -webkit-box-shadow:4px 4px  
4px 4px #5F8A03; box-shadow:4px 4px 4px  
4px #5F8A03 }
```

Background

The CSS property to change the background color of an element to Hex 5F8A03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8A03 }
```

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

```
.background{ background-color:#5F8A03 }
```

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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