

Converting Colors

Hex(5F8833)

Have a look what the booklet for
Hex(5F8833) contains.

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Color

Hex(5F8833)

Conversions

Conversions Part 1

Format	Color
Hex	5F8833
RGB	95, 136, 51
RGB Percent	37%, 53%, 20%
CMY	0.6275, 0.4667, 0.8000
CMYK	0.30, 0.00, 0.63, 0.47
HSL	89°, 45%, 37%
HSV	89°, 62%, 53%
XYZ	14.1210, 20.2802, 6.3022
YIQ	114.0510, 2.8490, -35.1270

Conversions

Conversions Part 2

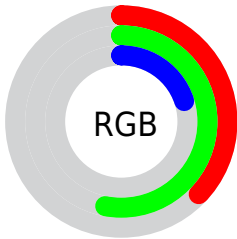
Format	Color
RYB	51, 136, 92
Decimal	6260787
CIELab	52.15, -28.94, 40.14
CIELCh	52, 49.487, 125.794
Yxy	20.2802, 0.3469, 0.4982
Android (android.graphics.Color)	4284450867 (0xFF5F8833)
YUV	114.0510, -31.0841, -16.7077
Hunter-Lab	45.0336, -22.8372, 23.2262

Details

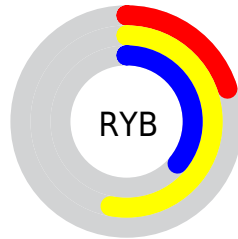
The Hex color **5F8833** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5C3388**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **94BE65**, and **2C5600** is the 20% darker color. If you saturate the color by 10%, you get **588825**, and if you desaturate by 10%, it is **668841**.

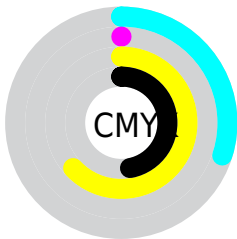
Distribution



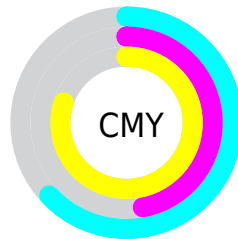
- Red (37%)
- Green (53%)
- Blue (20%)



- Red (20%)
- Yellow (53%)
- Blue (36%)



- Cyan (30%)
- Magenta (0%)
- Yellow (63%)
- Black (47%)



- Cyan (63%)
- Magenta (47%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F8833 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 5F8833 by changing the saturation by 10% instead.

 5F8833

 5F8833

FFFFFF

 456E1A

 94BE65

 2C5600

 AFD97F

 133E00

 CCF699

 002800

 E8FFB5

 000E00

 FFFFD1

 000000

 FFFFED

 5F8833

 5F8833

 588825

 668841

■ 528818

■ 6C884E

■ 4B880A

■ 73885C

■ 468800

■ 798869

■ 808877

■ 868885

■ 8D8892

■ 9388A0

■ 9A88AD

Harmonies

Analogous

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



8B7D20



5F8833



0F8E58

Triad

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



5F8833



008AC9



C95576

Complementary

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



5F8833



5C3388

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.



B65DA0



5F8833



317ED1

Square

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



5F8833



0090AD



896EC2



C55D4D

Rectangle

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



5F8833



009175



896EC2



C65684

Sweetspot

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



5F8833



A0B08F



885B33



4F5945



D9D9D9



595959

Same Dimension

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



5F8833



70B02C



368833



42453E



458500



030500

Inverse Universe

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



5C3388



6C2CB0



853388



413E45



400085



020005

Previews

White Background



This preview shows how the Hex color 5F8833 looks on a white background.

Color Contrast Check

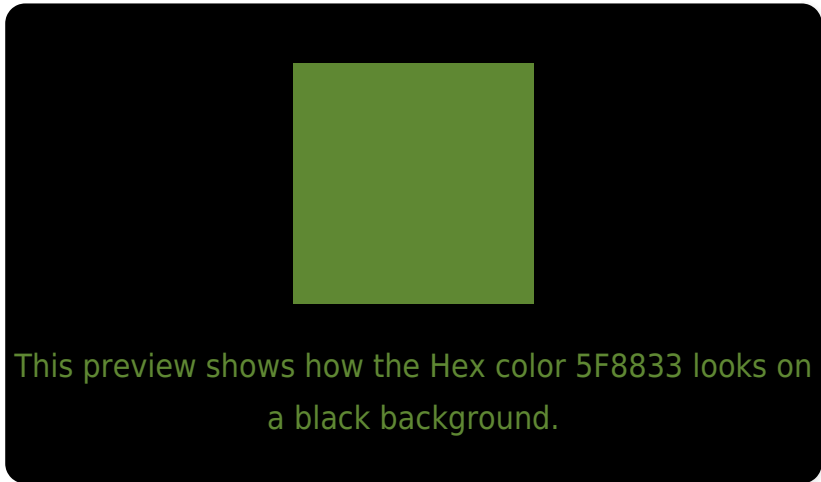
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F8833 Background



This preview shows how black text looks on a background with the Hex color 5F8833.



This preview shows how white text looks on a background with the Hex color 5F8833.

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
5F8833

Protanopia
8A7C30

Deuteranopia
997638



Tritanopia
6B7F8A

Trichromacy



Original Color
5F8833

Protanomaly
7A8031

Deuteranomaly
847D36

Tritanomaly
67826A

Monochromacy



Original Color
5F8833

Achromatopsia
727272

Achromatomaly
6B7A5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F8833 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 #5F8833 looks like.

```
.text, #text, p{  
    color:#5F8833  
}
```

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 #5F8833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8833
}
```

Border

The CSS property to change the border of an element to Hex 5F8833 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
#5F8833 }
```

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

```
.border{ border-color:#5F8833 }
```

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

Here you see how a box with a 4 pixel #5F8833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8833; -webkit-box-shadow:4px 4px  
4px 4px #5F8833; box-shadow:4px 4px 4px  
4px #5F8833 }
```

Background

The CSS property to change the background color of an element to Hex 5F8833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8833 }
```

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

```
.background{ background-color:#5F8833 }
```

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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