

Converting Colors

Hex(5F8131)

Have a look what the booklet for
Hex(5F8131) contains.

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Color

Hex(5F8131)

Conversions

Conversions Part 1

Format	Color
Hex	5F8131
RGB	95, 129, 49
RGB Percent	37%, 51%, 19%
CMY	0.6275, 0.4941, 0.8078
CMYK	0.26, 0.00, 0.62, 0.49
HSL	86°, 45%, 35%
HSV	86°, 62%, 51%
XYZ	13.1239, 18.3552, 5.7569
YIQ	109.7140, 5.4160, -32.0880

Conversions

Conversions Part 2

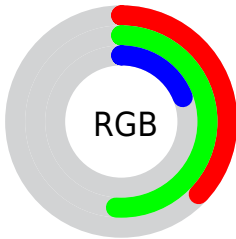
Format	Color
RYB	49, 129, 83
Decimal	6258993
CIELab	49.92, -25.72, 38.60
CIElCh	50, 46.384, 123.683
Yxy	18.3552, 0.3525, 0.4929
Android (android.graphics.Color)	4284449073 (0xFF5F8131)
YUV	109.7140, -29.9320, -12.9042
Hunter-Lab	42.8429, -20.2957, 22.0231

Details

The Hex color **5F8131** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **533181**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **94B663**, and **2D4F00** is the 20% darker color. If you saturate the color by 10%, you get **5A8124**, and if you desaturate by 10%, it is **64813E**.

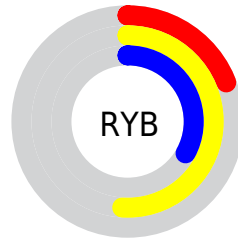
Distribution



Red (37%)

Green (51%)

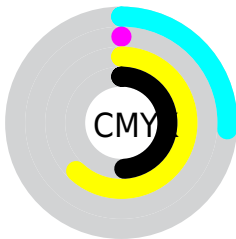
Blue (19%)



Red (19%)

Yellow (51%)

Blue (33%)

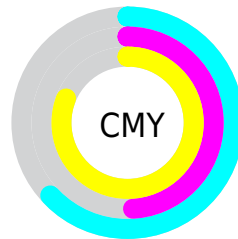


Cyan (26%)

Magenta (0%)

Yellow (62%)

Black (49%)



Cyan (63%)

Magenta (49%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F8131 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 5F8131 by changing the saturation by 10% instead.



5F8131



5F8131

FFFFFF



466818



94B663



2D4F00



AFD27C



153800



CBEE97



002300



E8FFB2



000000



FFFFCE



FFFEEA



5F8131



5F8131



5A8124



64813E

■ 548117

■ 6A814B

■ 4F810A

■ 6F8158

■ 4A8100

■ 758165

■ 7A8172

■ 80817E

■ 85818B

■ 8B8198

■ 9081A5

Harmonies

Analogous

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



887622



5F8131



208752

Triad

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



5F8131



0084BD



BE5373

Complementary

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



5F8131



533181

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.



AB5A9A



5F8131



2A7AC5

Square

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



5F8131



0089A1



7F6AB9



BC594D

Rectangle

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



5F8131



00896D



7F6AB9



BA5481

Sweetspot

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



5F8131



9BA888



815231



4C5441



D4D4D4



545454

Same Dimension

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



5F8131



73A82C



388131



3D4039



498000



000000

Inverse Universe

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



533181



612CA8



7A3181



3C3940



360080



000000

Previews

White Background



This preview shows how the Hex color 5F8131 looks on a white background.

Color Contrast Check

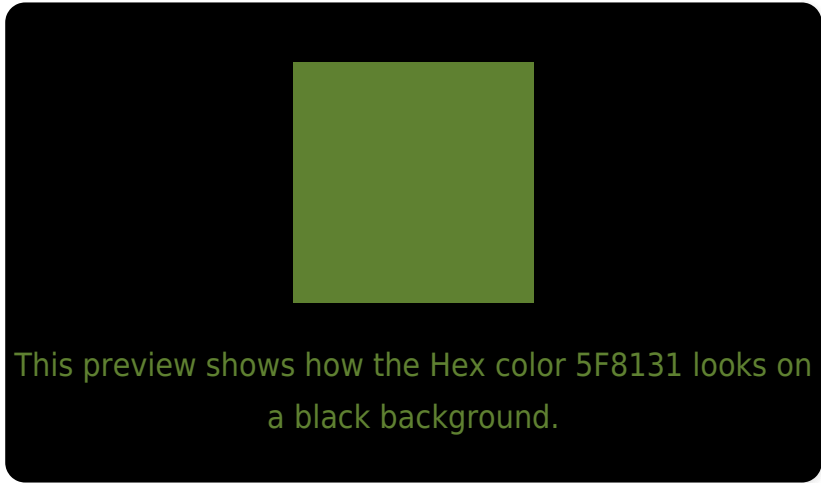
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 5F8131 Background



This preview shows how black text looks on a background with the Hex color 5F8131.



This preview shows how white text looks on a background with the Hex color 5F8131.

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
5F8131

Protanopia
84772E

Deuteranopia
927136



Tritanopia
6A7982

Trichromacy



Original Color
5F8131

Protanomaly
777B2F

Deuteranomaly
7F7734

Tritanomaly
667C65

Monochromacy



Original Color
5F8131

Achromatopsia
6E6E6E

Achromatomaly
697558

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F8131 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 #5F8131 looks like.

```
.text, #text, p{  
    color:#5F8131  
}
```

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 #5F8131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8131
}
```

Border

The CSS property to change the border of an element to Hex 5F8131 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
#5F8131 }
```

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

```
.border{ border-color:#5F8131 }
```

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

Here you see how a box with a 4 pixel #5F8131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8131; -webkit-box-shadow:4px 4px  
4px 4px #5F8131; box-shadow:4px 4px 4px  
4px #5F8131 }
```

Background

The CSS property to change the background color of an element to Hex 5F8131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8131 }
```

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

```
.background{ background-color:#5F8131 }
```

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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