

Converting Colors

Hex(5F8138)

Have a look what the booklet for
Hex(5F8138) contains.

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Color

Hex(5F8138)

Conversions

Conversions Part 1

Format	Color
Hex	5F8138
RGB	95, 129, 56
RGB Percent	37%, 51%, 22%
CMY	0.6275, 0.4941, 0.7804
CMYK	0.26, 0.00, 0.57, 0.49
HSL	88°, 39%, 36%
HSV	88°, 57%, 51%
XYZ	13.2834, 18.4189, 6.5965
YIQ	110.5120, 3.1690, -29.9110

Conversions

Conversions Part 2

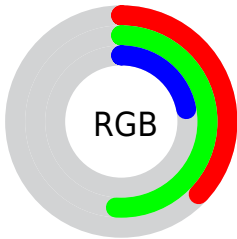
Format	Color
RYB	56, 129, 90
Decimal	6259000
CIELab	50.00, -25.01, 35.24
CIELCh	50, 43.216, 125.361
Yxy	18.4189, 0.3468, 0.4809
Android (android.graphics.Color)	4284449080 (0xFF5F8138)
YUV	110.5120, -26.8744, -13.6040
Hunter-Lab	42.9173, -19.8575, 20.9291

Details

The Hex color **5F8138** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **5A3881**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **93B669**, and **2D4F06** is the 20% darker color. If you saturate the color by 10%, you get **59812B**, and if you desaturate by 10%, it is **658145**.

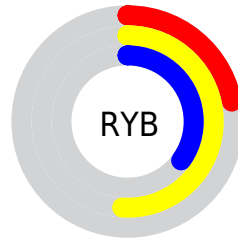
Distribution



Red (37%)

Green (51%)

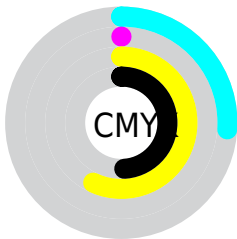
Blue (22%)



Red (22%)

Yellow (51%)

Blue (35%)

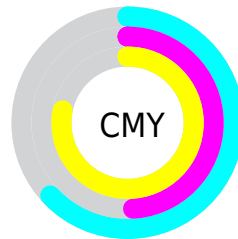


Cyan (26%)

Magenta (0%)

Yellow (57%)

Black (49%)



Cyan (63%)

Magenta (49%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F8138 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 5F8138 by changing the saturation by 10% instead.

 5F8138

 5F8138

FFFFFF

 466820

 93B669

 2D4F06

 AFD283

 173800

 CBEE9E

 002300

 E7FFB9

 000000

 FFFFD5

 FFFFF2

 5F8138

 5F8138

 59812B

 658145

■ 53811E

■ 6B8152

■ 4D8111

■ 71815F

■ 478104

■ 77816C

■ 458100

■ 7D8179

■ 838185

■ 898192

■ 8F819F

■ 9581AC

Harmonies

Analogous

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



85772A



5F8138



278757

Triad

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



5F8138



0083B9



BA5672

Complementary

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



5F8138



5A3881

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.



A95D96



5F8138



3D79C0

Square

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



5F8138



0088A0



826BB3



B75D4E

Rectangle

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



5F8138



008970



826BB3



B7577E

Sweetspot

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



5F8138



9BA88C



815938



4C5443



D4D4D4



545454

Same Dimension

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



5F8138



73A836



3C8138



3D4039



448000



000000

Inverse Universe

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



5A3881



6B36A8



7D3881



3C3940



3B0080



000000

Previews

White Background



This preview shows how the Hex color 5F8138 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

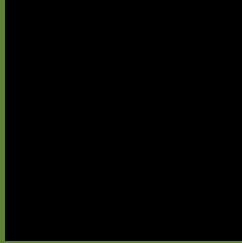
Any Text WCAG AA ✓ Pass

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 5F8138 Background



This preview shows how black text looks on a background with the Hex color 5F8138.



This preview shows how white text looks on a background with the Hex color 5F8138.

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
5F8138

Protanopia
847735

Deuteranopia
92713C



Tritanopia
697983

Trichromacy



Original Color
5F8138

Protanomaly
777B36

Deuteranomaly
7F773B

Tritanomaly
657C68

Monochromacy



Original Color
5F8138

Achromatopsia
6F6F6F

Achromatomaly
69765B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F8138 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 #5F8138 looks like.

```
.text, #text, p{  
    color:#5F8138  
}
```

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 #5F8138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8138
}
```

Border

The CSS property to change the border of an element to Hex 5F8138 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
#5F8138 }
```

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

```
.border{ border-color:#5F8138 }
```

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

Here you see how a box with a 4 pixel #5F8138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8138; -webkit-box-shadow:4px 4px  
4px 4px #5F8138; box-shadow:4px 4px 4px  
4px #5F8138 }
```

Background

The CSS property to change the background color of an element to Hex 5F8138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8138 }
```

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

```
.background{ background-color:#5F8138 }
```

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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