

Converting Colors

Hex(5FC188)

Have a look what the booklet for
Hex(5FC188) contains.

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Color

Hex(5FC188)

Conversions

Conversions Part 1

Format	Color
Hex	5FC188
RGB	95, 193, 136
RGB Percent	37%, 76%, 53%
CMY	0.6275, 0.2431, 0.4667
CMYK	0.51, 0.00, 0.30, 0.24
HSL	145°, 44%, 56%
HSV	145°, 51%, 76%
XYZ	28.2332, 42.3504, 29.9790
YIQ	157.2000, -40.1110, -38.5030

Conversions

Conversions Part 2

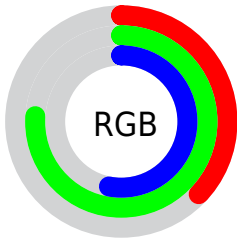
Format	Color
RYB	95, 164, 193
Decimal	6275464
CIELab	71.11, -41.87, 20.08
CIElCh	71, 46.435, 154.376
Yxy	42.3504, 0.2808, 0.4211
Android (android.graphics.Color)	4284465544 (0xFF5FC188)
YUV	157.2000, -10.4516, -54.5494
Hunter-Lab	65.0772, -36.4443, 18.2410

Details

The Hex color **5FC188** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C15F98**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **97FABE**, and **228B56** is the 20% darker color. If you saturate the color by 10%, you get **4CC17D**, and if you desaturate by 10%, it is **72C193**.

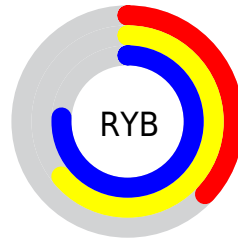
Distribution



Red (37%)

Green (76%)

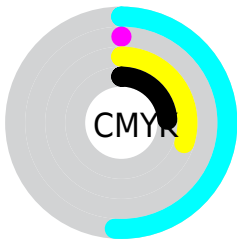
Blue (53%)



Red (37%)

Yellow (64%)

Blue (76%)

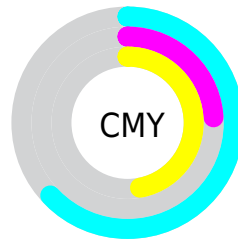


Cyan (51%)

Magenta (0%)

Yellow (30%)

Black (24%)



Cyan (63%)

Magenta (24%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FC188 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 5FC188 by changing the saturation by 10% instead.

 5FC188

 5FC188

FFFFFF

 42A56E

 97FABE

 228B56

 B4FFD9

 00713E

 D1FFF6

 005728

 EEEFFF

 003F12

 002900

 000800

 000000

 5FC188

 5FC188

 4CC17D

 72C193

 38C172

 86C19E

 25C166

 99C1AA

 12C15B

 ACC1B5

 00C151

 C0C1C0

 D3C1CB

 E6C1D7

 F9C1E2

 FFC1ED

Harmonies

Analogous

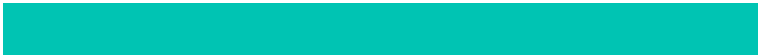
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96BA66



5FC188



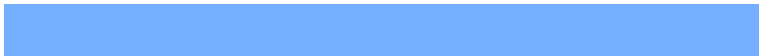
00C4B3

Triad

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



5FC188



74B0FF



FB9181

Complementary

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



5FC188



C15F98

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.



FD8BA9



5FC188



BAA1F4

Square

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



5FC188



00BCFA



E892D3



E69F62

Rectangle

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



5FC188



00C4D0



E892D3



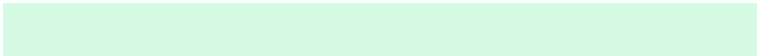
FE8E8D

Sweetspot

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



5FC188



D4FAE4



98C15F



667D70



FCFCFC



7D7D7D

Same Dimension

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



5FC188



61FAA1



5FC1B9



57615B



00A143



00210E

Inverse Universe

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



C15F98



FA61BA



C15F67



61575D



A1005D



210013

Previews

White Background



This preview shows how the Hex color 5FC188 looks on a white background.

Color Contrast Check

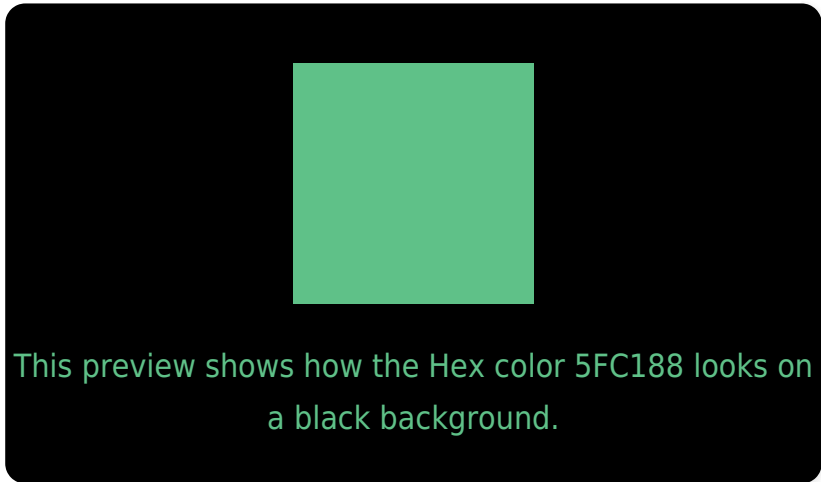
Large Text (above 18pt) WCAG AA × Fail

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

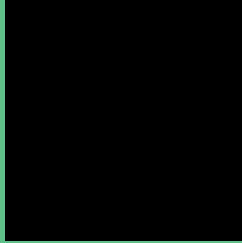
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5FC188 Background



This preview shows how black text looks on a background with the Hex color 5FC188.

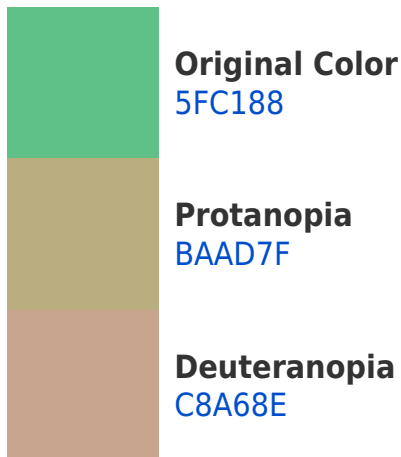


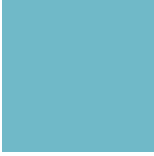
This preview shows how white text looks on a background with the Hex color 5FC188.

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
70B9C8

Trichromacy



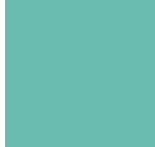
Original Color
5FC188



Protanomaly
99B482



Deuteranomaly
A2B08C



Tritanomaly
6ABCB1

Monochromacy



Original Color
5FC188



Achromatopsia
9D9D9D



Achromatomaly
86AA95

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FC188 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 #5FC188 looks like.

```
.text, #text, p{  
    color:#5FC188  
}
```

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 #5FC188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FC188
}
```

Border

The CSS property to change the border of an element to Hex 5FC188 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
#5FC188 }
```

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

```
.border{ border-color:#5FC188 }
```

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

Here you see how a box with a 4 pixel #5FC188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FC188; -webkit-box-shadow:4px 4px  
4px 4px #5FC188; box-shadow:4px 4px 4px  
4px #5FC188 }
```

Background

The CSS property to change the background color of an element to Hex 5FC188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FC188 }
```

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

```
.background{ background-color:#5FC188 }
```

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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