

Converting Colors

Hex(5BC58F)

Have a look what the booklet for
Hex(5BC58F) contains.

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Color

Hex(5BC58F)

Conversions

Conversions Part 1

Format	Color
Hex	5BC58F
RGB	91, 197, 143
RGB Percent	36%, 77%, 56%
CMY	0.6431, 0.2275, 0.4392
CMYK	0.54, 0.00, 0.27, 0.23
HSL	149°, 48%, 56%
HSV	149°, 54%, 77%
XYZ	29.2386, 44.1398, 32.9654
YIQ	159.1500, -45.8420, -39.2660

Conversions

Conversions Part 2

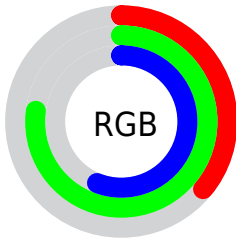
Format	Color
RYB	91, 162, 197
Decimal	6014351
CIELab	72.32, -43.17, 17.98
CIElCh	72, 46.766, 157.385
Yxy	44.1398, 0.2749, 0.4151
Android (android.graphics.Color)	4284204431 (0xFF5BC58F)
YUV	159.1500, -7.9619, -59.7675
Hunter-Lab	66.4378, -37.7102, 17.0877

Details

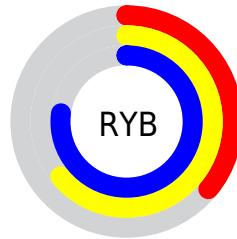
The Hex color **5BC58F** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C55B91**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **94FEC5**, and **198E5C** is the 20% darker color. If you saturate the color by 10%, you get **47C585**, and if you desaturate by 10%, it is **6FC599**.

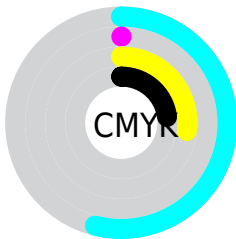
Distribution



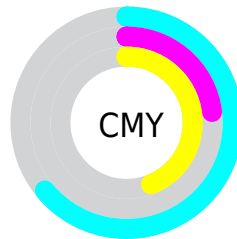
- Red (36%)
- Green (77%)
- Blue (56%)



- Red (36%)
- Yellow (64%)
- Blue (77%)



- Cyan (54%)
- Magenta (0%)
- Yellow (27%)
- Black (23%)



- Cyan (64%)
- Magenta (23%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BC58F 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 5BC58F by changing the saturation by 10% instead.

 5BC58F

 5BC58F

FFFFFF

 3DA975

 94FEC5

 198E5C

 B1FFE1

 007445

 CEFFFE

 005B2E

 EBFFFF

 004218

 002C00

 000F00

 000000

 5BC58F

 5BC58F

 47C585

 6FC599

 34C57B

 82C5A3

 20C571

 96C5AD

 0CC567

 AAC5B7

 00C561

 BEC5C1

 D1C5CB

 E5C5D5

 F9C5DF

 FFC5E9

Harmonies

Analogous

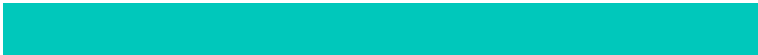
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94BE6B



5BC58F



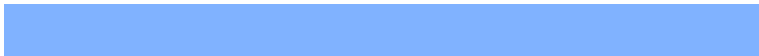
00C8BB

Triad

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



5BC58F



80B2FF



FE9580

Complementary

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



5BC58F



C55B91

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.



FF8EA8



5BC58F



C3A2F5

Square

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



5BC58F



00BFFF



EF94D3



E6A363

Rectangle

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



5BC58F



00C7D7



EF94D3



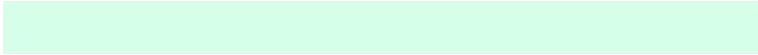
FF928C

Sweetspot

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



5BC58F



D6FFEA



92C55B



678073



000000



808080

Same Dimension

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



5BC58F



59FFAB



5BC5C3



5A635E



00A350



002412

Inverse Universe

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



C55B91



FF59AE



C55B5D



635A5F



A30053



240012

Previews

White Background



This preview shows how the Hex color 5BC58F looks on a white background.

Color Contrast Check

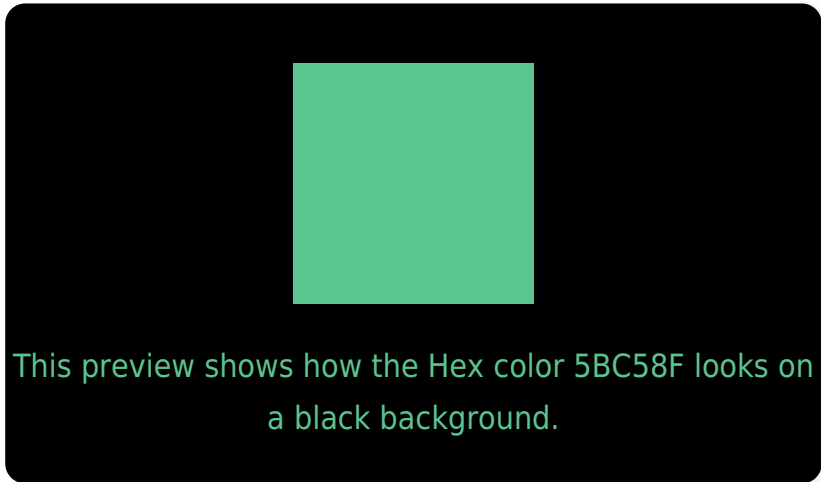
Large Text (above 18pt) WCAG AA × Fail

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

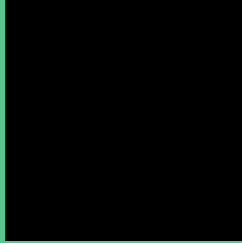
Any Text WCAG AA ✓ Pass

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 5BC58F Background



This preview shows how black text looks on a background with the Hex color 5BC58F.

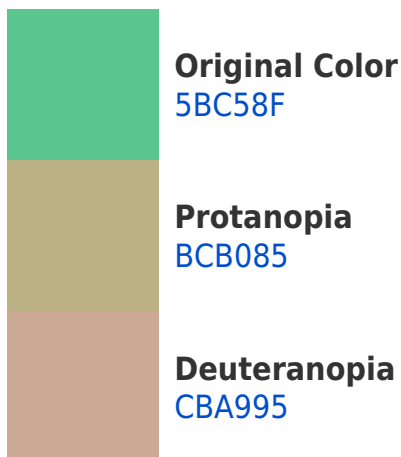


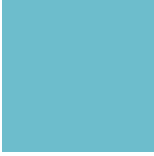
This preview shows how white text looks on a background with the Hex color 5BC58F.

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





Trichromacy



Original Color
5BC58F



Protanomaly
99B889



Deuteranomaly
A2B393



Tritanomaly
66C0B6

Monochromacy



Original Color
5BC58F



Achromatopsia
9F9F9F



Achromatomaly
86AD99

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BC58F 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 #5BC58F looks like.

```
.text, #text, p{  
    color:#5BC58F  
}
```

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 #5BC58F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC58F
}
```

Border

The CSS property to change the border of an element to Hex 5BC58F 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
#5BC58F }
```

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

```
.border{ border-color:#5BC58F }
```

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

Here you see how a box with a 4 pixel #5BC58F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC58F; -webkit-box-shadow:4px 4px  
4px 4px #5BC58F; box-shadow:4px 4px 4px  
4px #5BC58F }
```

Background

The CSS property to change the background color of an element to Hex 5BC58F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC58F }
```

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

```
.background{ background-color:#5BC58F }
```

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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