

Converting Colors

Hex(58B898)

Have a look what the booklet for
Hex(58B898) contains.

Hex(58B898)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(58B898)

Conversions

Conversions Part 1

Format	Color
Hex	58B898
RGB	88, 184, 152
RGB Percent	35%, 72%, 60%
CMY	0.6549, 0.2784, 0.4039
CMYK	0.52, 0.00, 0.17, 0.28
HSL	160°, 40%, 53%
HSV	160°, 52%, 72%
XYZ	26.8325, 38.6227, 35.7465
YIQ	151.6480, -46.9440, -30.3040

Conversions

Conversions Part 2

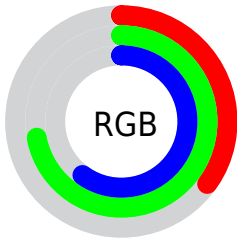
Format	Color
RYB	88, 146, 184
Decimal	5814424
CIELab	68.48, -36.12, 7.68
CIElCh	68, 36.930, 167.998
Yxy	38.6227, 0.2651, 0.3816
Android (android.graphics.Color)	4284004504 (0xFF58B898)
YUV	151.6480, 0.1735, -55.8193
Hunter-Lab	62.1472, -31.6888, 9.3999

Details

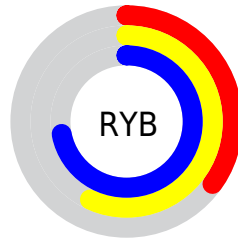
The Hex color **58B898** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B85878**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **90F1CE**, and **188265** is the 20% darker color. If you saturate the color by 10%, you get **46B892**, and if you desaturate by 10%, it is **6AB89E**.

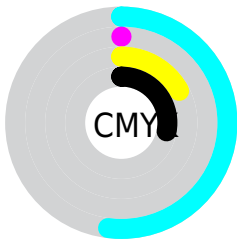
Distribution



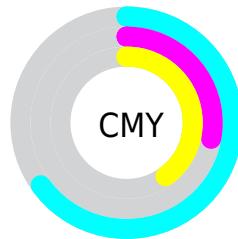
- Red (35%)
- Green (72%)
- Blue (60%)



- Red (35%)
- Yellow (57%)
- Blue (72%)



- Cyan (52%)
- Magenta (0%)
- Yellow (17%)
- Black (28%)



- Cyan (65%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58B898 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 58B898 by changing the saturation by 10% instead.

 58B898

 58B898

FFFFFF

 3B9D7E

 90F1CE

 188265

 ADFFEA

 00694D

 C9FFFF

 005036

 E7FFFF

 003821

 00240B

 000000

 58B898

 58B898

 46B892

 6AB89E

■ 33B88C

■ 7DB8A4

■ 21B886

■ 8FB8AA

■ 0EB87F

■ A2B8B1

■ 00B87B

■ B4B8B7

■ C6B8BD

■ D9B8C3

■ EBB8C9

■ FEB8CF

Harmonies

Analogous

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



83B379



58B898



28B9BA

Triad

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



58B898



97A3E6



E09577

Complementary

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



58B898



B85878

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.



E88E94



58B898



C497D4

Square

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



58B898



5FAEE8



DF8EB6



C9A066

Rectangle

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



58B898



18B7CF



DF8EB6



E49280

Sweetspot

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



58B898



C9F0E3



78B858



617870



F7F7F7



787878

Same Dimension

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



58B898



59F0BD



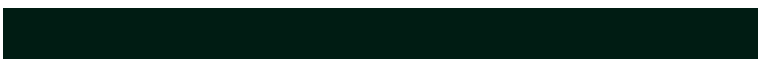
58A8B8



535C59



009C68



001C13

Inverse Universe

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



B85878



F0598B



B86858



5C5356



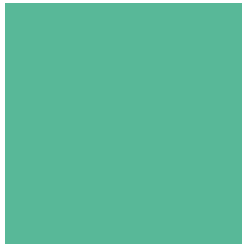
9C0034



1C0009

Previews

White Background



This preview shows how the Hex color 58B898 looks on a white background.

Color Contrast Check

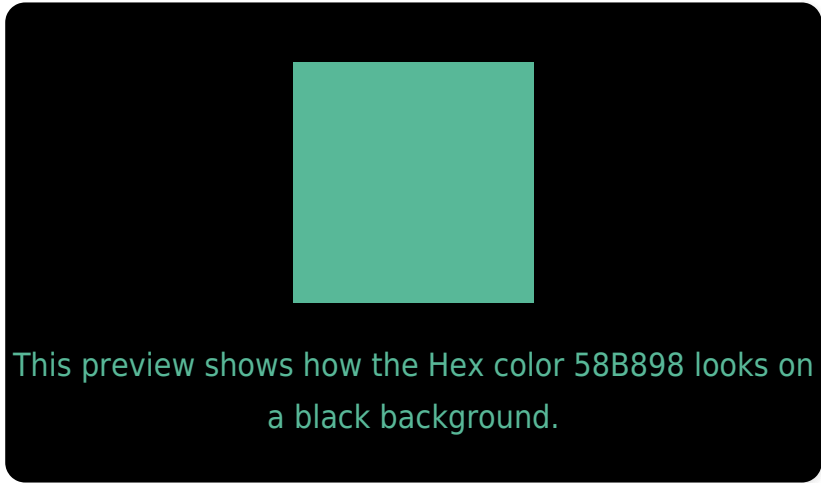
Large Text (above 18pt) WCAG AA × Fail

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

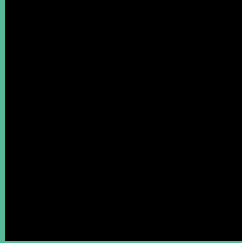
Any Text WCAG AA ✓ Pass

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 58B898 Background



This preview shows how black text looks on a background with the Hex color 58B898.

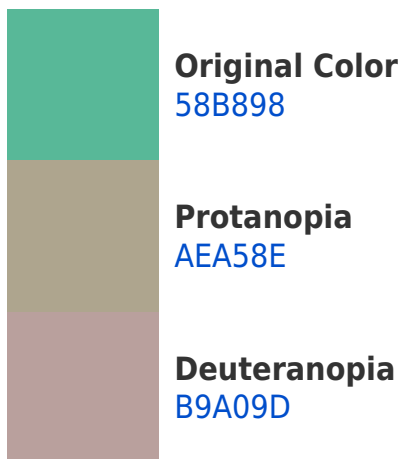


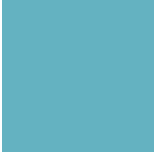
This preview shows how white text looks on a background with the Hex color 58B898.

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](#).

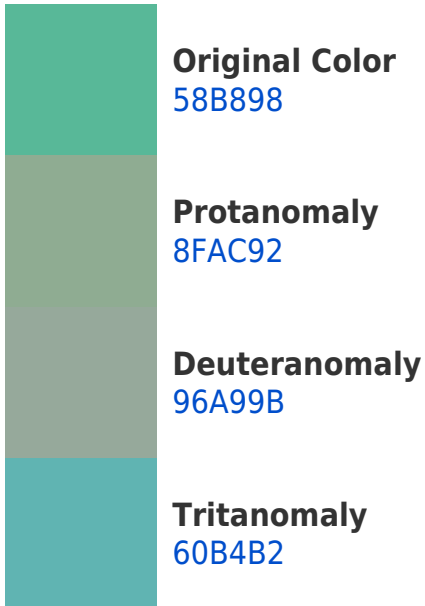
Dichromacy



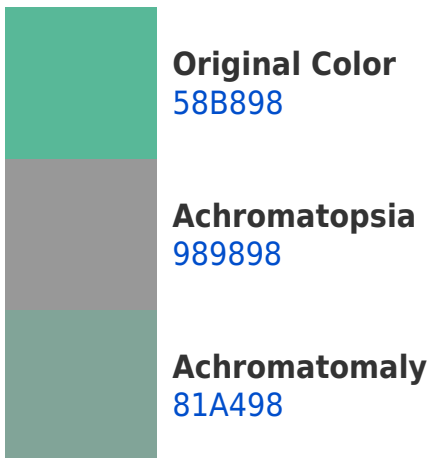


Tritanopia
64B2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58B898 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 #58B898 looks like.

```
.text, #text, p{  
    color:#58B898  
}
```

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 #58B898 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58B898  
}
```

Border

The CSS property to change the border of an element to Hex 58B898 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  
#58B898 }
```

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

```
.border{ border-color:#58B898 }
```

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

Here you see how a box with a 4 pixel #58B898 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58B898; -webkit-box-shadow:4px 4px  
4px 4px #58B898; box-shadow:4px 4px 4px  
4px #58B898 }
```

Background

The CSS property to change the background color of an element to Hex 58B898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58B898 }
```

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

```
.background{ background-color:#58B898 }
```

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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