

Converting Colors

Hex(58AB81)

Have a look what the booklet for
Hex(58AB81) contains.

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Color

Hex(58AB81)

Conversions

Conversions Part 1

Format	Color
Hex	58AB81
RGB	88, 171, 129
RGB Percent	35%, 67%, 51%
CMY	0.6549, 0.3294, 0.4941
CMYK	0.49, 0.00, 0.25, 0.33
HSL	150°, 33%, 51%
HSV	150°, 49%, 67%
XYZ	22.5499, 32.7855, 25.9086
YIQ	141.3950, -35.9860, -30.6580

Conversions

Conversions Part 2

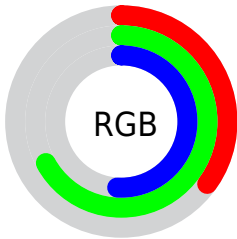
Format	Color
RYB	88, 144, 171
Decimal	5811073
CIELab	63.99, -35.24, 13.97
CIElCh	64, 37.909, 158.369
Yxy	32.7855, 0.2776, 0.4035
Android (android.graphics.Color)	4284001153 (0xFF58AB81)
YUV	141.3950, -6.1107, -46.8274
Hunter-Lab	57.2586, -29.9049, 13.2533

Details

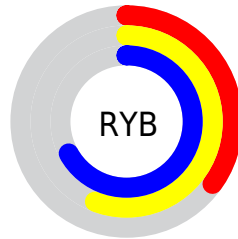
The Hex color **58AB81** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AB5882**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **8FE3B6**, and **1E7650** is the 20% darker color. If you saturate the color by 10%, you get **47AB78**, and if you desaturate by 10%, it is **69AB8A**.

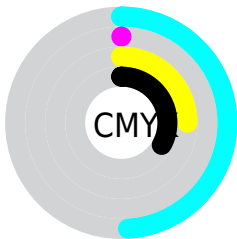
Distribution



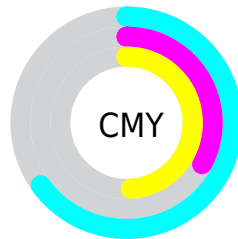
- Red (35%)
- Green (67%)
- Blue (51%)



- Red (35%)
- Yellow (56%)
- Blue (67%)



- Cyan (49%)
- Magenta (0%)
- Yellow (25%)
- Black (33%)



- Cyan (65%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58AB81 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 58AB81 by changing the saturation by 10% instead.

 58AB81

 58AB81

FFFFFF

 3D9068

 8FE3B6

 1E7650

 AAFFD2

 005D39

 C7FFEE

 004523

 E4FFFF

 002D0E

 001600

 000000

 58AB81

 58AB81

 47AB78

 69AB8A

 36AB70

 7AAB92

 25AB67

 8BAB9B

 14AB5E

 9CABA4

 03AB56

 ADABAC

 00AB54

 BFABB5

 D0ABBE

 E1ABC6

 F2ABCF

Harmonies

Analogous

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



83A565



58AB81



1AADA4

Triad

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



58AB81



789BDE



D88673

Complementary

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



58AB81



AB5882

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.



DC8093



58AB81



AB8FD0

Square

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



58AB81



35A5D9



CD84B5



C5905D

Rectangle

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



58AB81



00ACBA



CD84B5



DB837D

Sweetspot

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



58AB81



BDDECD



83AB58



5C7066



F0F0F0



707070

Same Dimension

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



58AB81



5DDE9D



58ABAA



4E5752



00964A



00170B

Inverse Universe

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



AB5882



DE5D9E



AB5859



574E52



96004C



17000C

Previews

White Background



This preview shows how the Hex color 58AB81 looks on a white background.

Color Contrast Check

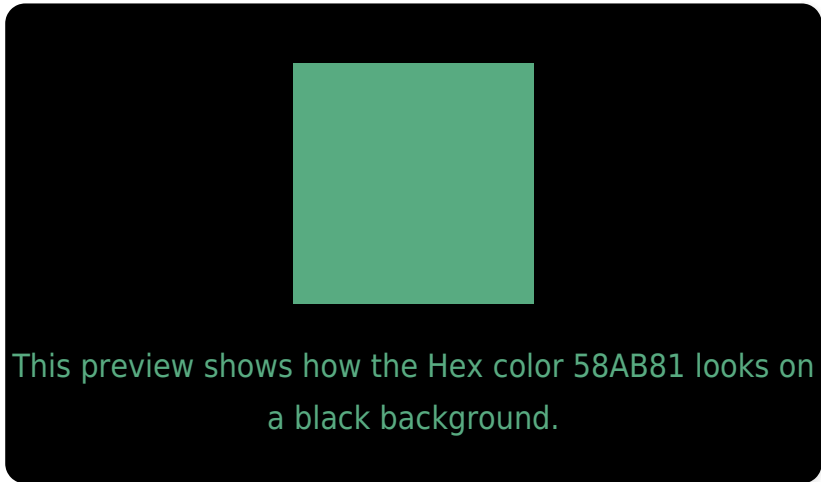
Large Text (above 18pt) WCAG AA × Fail

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

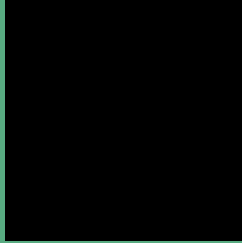
Any Text WCAG AA ✓ Pass

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 58AB81 Background



This preview shows how black text looks on a background with the Hex color 58AB81.

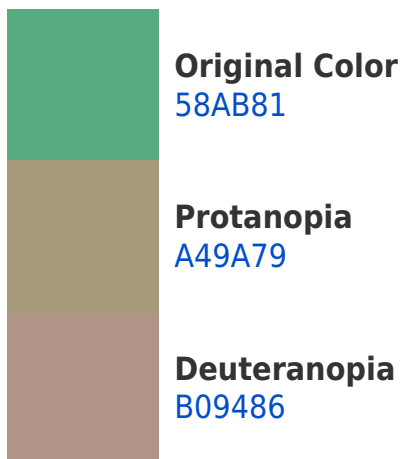


This preview shows how white text looks on a background with the Hex color 58AB81.

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](#).

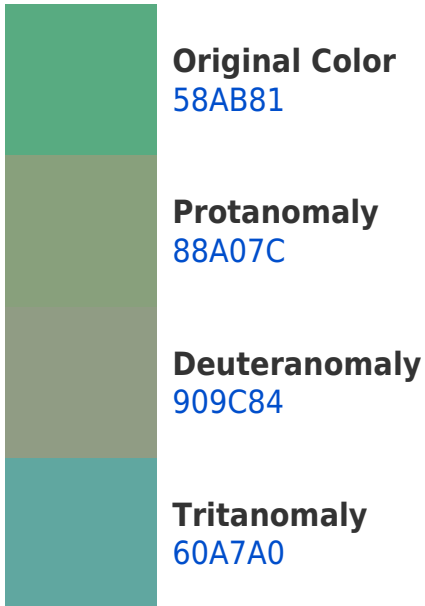
Dichromacy



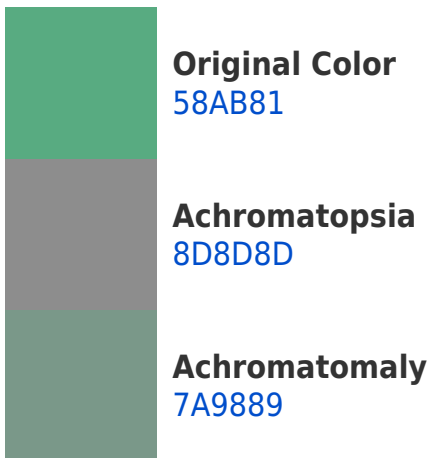


Tritanopia
65A5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58AB81 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 #58AB81 looks like.

```
.text, #text, p{  
    color:#58AB81  
}
```

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 #58AB81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58AB81
}
```

Border

The CSS property to change the border of an element to Hex 58AB81 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
#58AB81 }
```

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

```
.border{ border-color:#58AB81 }
```

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

Here you see how a box with a 4 pixel #58AB81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58AB81; -webkit-box-shadow:4px 4px  
4px 4px #58AB81; box-shadow:4px 4px 4px  
4px #58AB81 }
```

Background

The CSS property to change the background color of an element to Hex 58AB81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58AB81 }
```

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

```
.background{ background-color:#58AB81 }
```

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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