

Converting Colors

Hex(58AB96)

Have a look what the booklet for
Hex(58AB96) contains.

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Color

Hex(58AB96)

Conversions

Conversions Part 1

Format	Color
Hex	58AB96
RGB	88, 171, 150
RGB Percent	35%, 67%, 59%
CMY	0.6549, 0.3294, 0.4118
CMYK	0.49, 0.00, 0.12, 0.33
HSL	165°, 33%, 51%
HSV	165°, 49%, 67%
XYZ	24.0924, 33.4025, 34.0317
YIQ	143.7890, -42.7270, -24.1270

Conversions

Conversions Part 2

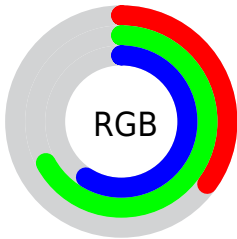
Format	Color
RYB	88, 136, 171
Decimal	5811094
CIELab	64.49, -30.49, 3.04
CIElCh	64, 30.637, 174.306
Yxy	33.4025, 0.2632, 0.3649
Android (android.graphics.Color)	4284001174 (0xFF58AB96)
YUV	143.7890, 3.0620, -48.9270
Hunter-Lab	57.7949, -26.7315, 5.5444

Details

The Hex color **58AB96** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB586D**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **8FE3CC**, and **1D7663** is the 20% darker color. If you saturate the color by 10%, you get **47AB92**, and if you desaturate by 10%, it is **69AB9A**.

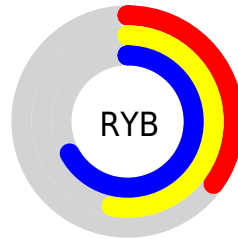
Distribution



Red (35%)

Green (67%)

Blue (59%)



Red (35%)

Yellow (53%)

Blue (67%)

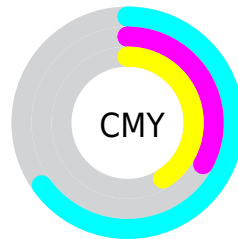


Cyan (49%)

Magenta (0%)

Yellow (12%)

Black (33%)



Cyan (65%)

Magenta (33%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58AB96 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 58AB96 by changing the saturation by 10% instead.

 58AB96

 58AB96

FFFFFF

 3C907C

 8FE3CC

 1D7663

 ABFFE8

 005D4B

 C7FFFF

 004535

 E4FFFF

 002E20

 001908

 000000

 58AB96

 58AB96

 47AB92

 69AB9A

 36AB8D

 7AAB9F

 25AB89

 8BABA3

 14AB85

 9CABA7

 03AB80

 ADABAC

 00AB80

 BFABB0

 D0ABB4

 E1ABB9

 F2ABBD

Harmonies

Analogous

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



79A87C



58AB96



40ABB2

Triad

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



58AB96



9997CE



C99071

Complementary

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



58AB96



AB586D

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.



D38987



58AB96



BA8EBD

Square

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



58AB96



6FA1D2



CE88A3



B49966

Rectangle

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



58AB96



41A9C2



CE88A3



CD8D77

Sweetspot

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



58AB96



BDDDED5



6EAB58



5C706B



F0F0F0



707070

Same Dimension

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



58AB96



5DDEBD



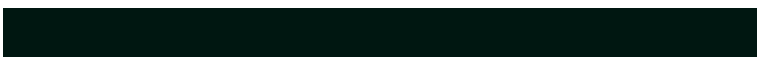
5898AB



4E5755



009670



001711

Inverse Universe

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



AB586D



DE5D7E



AB6B58



574E50



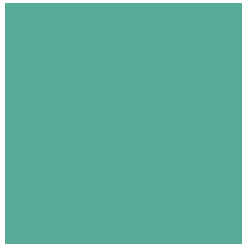
960026



170006

Previews

White Background



This preview shows how the Hex color 58AB96 looks on a white background.

Color Contrast Check

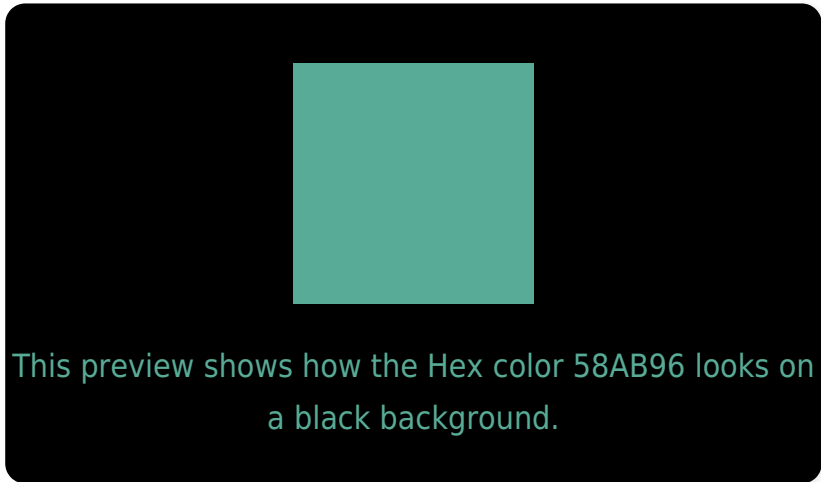
Large Text (above 18pt) WCAG AA × Fail

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

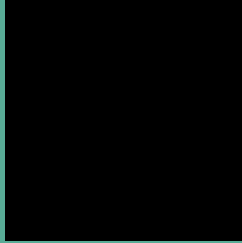
Any Text WCAG AA ✓ Pass

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 58AB96 Background



This preview shows how black text looks on a background with the Hex color 58AB96.

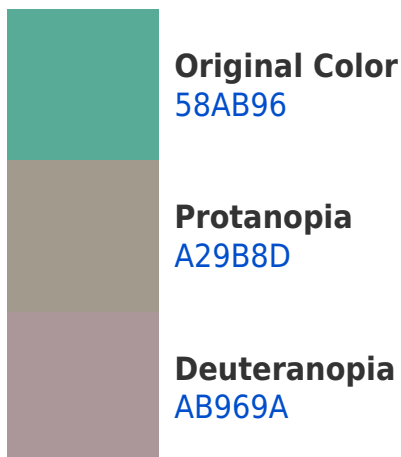


This preview shows how white text looks on a background with the Hex color 58AB96.

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](#).

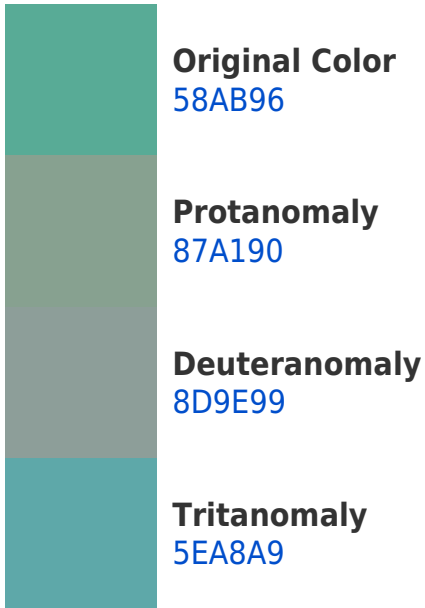
Dichromacy



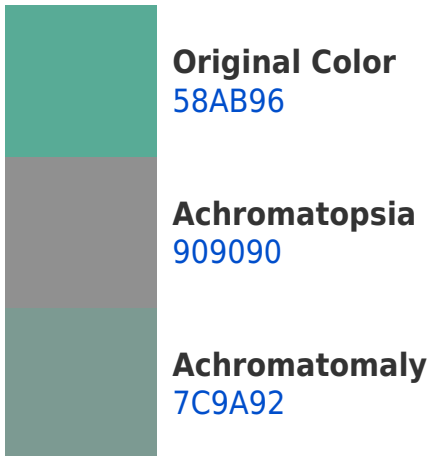


Tritanopia
61A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58AB96 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 #58AB96 looks like.

```
.text, #text, p{  
    color:#58AB96  
}
```

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 #58AB96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58AB96
}
```

Border

The CSS property to change the border of an element to Hex 58AB96 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
#58AB96 }
```

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

```
.border{ border-color:#58AB96 }
```

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

Here you see how a box with a 4 pixel #58AB96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58AB96; -webkit-box-shadow:4px 4px  
4px 4px #58AB96; box-shadow:4px 4px 4px  
4px #58AB96 }
```

Background

The CSS property to change the background color of an element to Hex 58AB96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58AB96 }
```

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

```
.background{ background-color:#58AB96 }
```

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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