

Converting Colors

Hex(59B7AE)

Have a look what the booklet for
Hex(59B7AE) contains.

Hex(59B7AE)	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(59B7AE)

Conversions

Conversions Part 1

Format	Color
Hex	59B7AE
RGB	89, 183, 174
RGB Percent	35%, 72%, 68%
CMY	0.6510, 0.2824, 0.3176
CMYK	0.51, 0.00, 0.05, 0.28
HSL	174°, 39%, 53%
HSV	174°, 51%, 72%
XYZ	28.6933, 39.0468, 46.0689
YIQ	153.8680, -53.1350, -22.7270

Conversions

Conversions Part 2

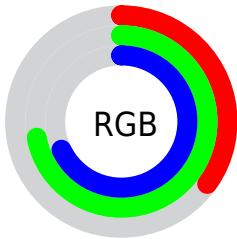
Format	Color
R_{YB}	89, 138, 183
Decimal	5879726
CIE _{Lab}	68.79, -30.04, -3.96
CIE _{LCh}	69, 30.298, 187.518
Yxy	39.0468, 0.2521, 0.3431
Android (android.graphics.Color)	4284069806 (0xFF59B7AE)
YUV	153.8680, 9.9251, -56.8892
Hunter-Lab	62.4874, -27.3885, 0.0296

Details

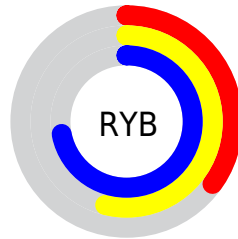
The Hex color **59B7AE** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B75962**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **92EFE5**, and **17827A** is the 20% darker color. If you saturate the color by 10%, you get **47B7AC**, and if you desaturate by 10%, it is **6BB7B0**.

Distribution



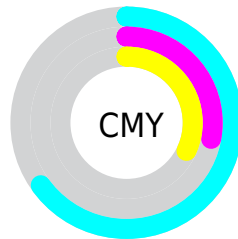
- Red (35%)
- Green (72%)
- Blue (68%)



- Red (35%)
- Yellow (54%)
- Blue (72%)



- Cyan (51%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)



- Cyan (65%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59B7AE 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 59B7AE by changing the saturation by 10% instead.

 59B7AE

 59B7AE

FFFFFF

 3B9C93

 92EFE5

 17827A

 AEFFFF

 006861

 CBFFFF

 004F49

 E9FFFF

 003833

 00231E

 000005

 000000

 59B7AE

 59B7AE

 47B7AC

 6BB7B0

 34B7AA

 7EB7B2

 22B7A9

 90B7B3

 10B7A7

 A2B7B5

 00B7A5

 B5B7B7

 C7B7B9

 D9B7BA

 EBB7BC

 FEB7BE

Harmonies

Analogous

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



76B592



59B7AE



4FB5C8

Triad

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



59B7AE



B59ED3



CD9F76

Complementary

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



59B7AE



B75962

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.



DC9788



59B7AE



D096BD

Square

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



59B7AE



8EA8DE



DE93A2



B4A871

Rectangle

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



59B7AE



5BB2D5



DE93A2



D39C7B

Sweetspot

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



59B7AE



CAEDEA



62B759



627876



F7F7F7



787878

Same Dimension

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



59B7AE



5AEDDF



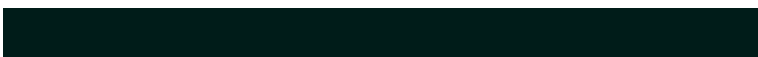
5991B7



535C5B



009C8D



001C19

Inverse Universe

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



B75962



ED5A68



B77F59



5C5353



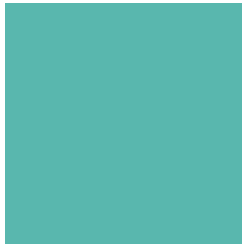
9C000F



1C0003

Previews

White Background



This preview shows how the Hex color 59B7AE looks on a white background.

Color Contrast Check

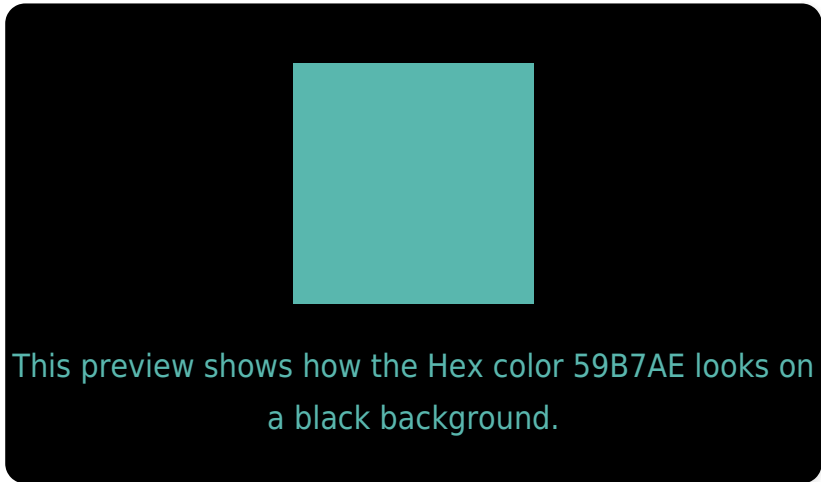
Large Text (above 18pt) WCAG AA × Fail

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

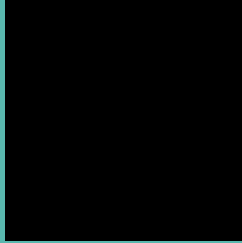
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

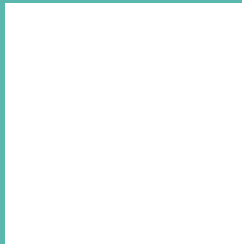
Any Text WCAG AAA ✓ Pass

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

Hex 59B7AE Background



This preview shows how black text looks on a background with the Hex color 59B7AE.

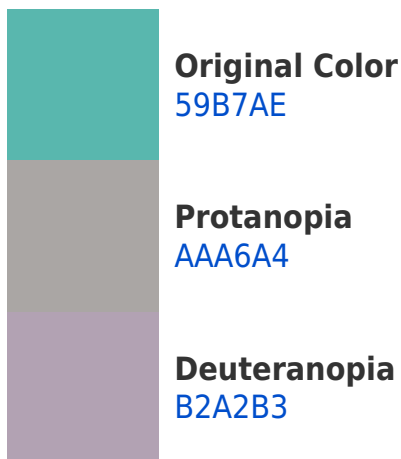


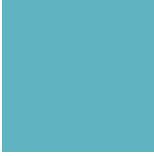
This preview shows how white text looks on a background with the Hex color 59B7AE.

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](#).

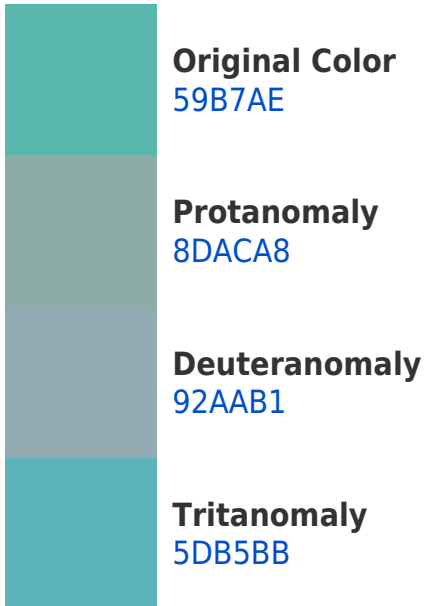
Dichromacy



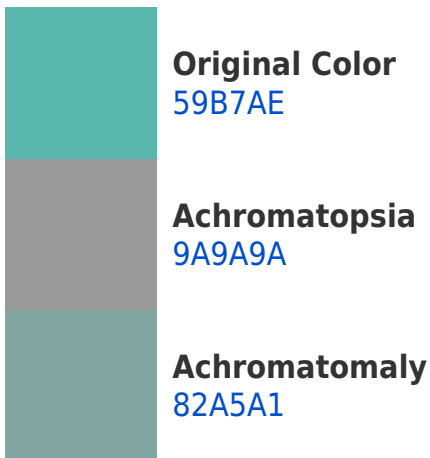


Tritanopia
60B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59B7AE 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 #59B7AE looks like.

```
.text, #text, p{  
    color:#59B7AE  
}
```

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 #59B7AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59B7AE
}
```

Border

The CSS property to change the border of an element to Hex 59B7AE 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
#59B7AE }
```

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

```
.border{ border-color:#59B7AE }
```

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

Here you see how a box with a 4 pixel #59B7AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59B7AE; -webkit-box-shadow:4px 4px  
4px 4px #59B7AE; box-shadow:4px 4px 4px  
4px #59B7AE }
```

Background

The CSS property to change the background color of an element to Hex 59B7AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59B7AE }
```

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

```
.background{ background-color:#59B7AE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor