

Converting Colors

Hex(57AEBB)

Have a look what the booklet for
Hex(57AE BB) contains.

Hex(57AEBB)	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(57AEBB)

Conversions

Conversions Part 1

Format	Color
Hex	57AEBB
RGB	87, 174, 187
RGB Percent	34%, 68%, 73%
CMY	0.6588, 0.3176, 0.2667
CMYK	0.53, 0.07, 0.00, 0.27
HSL	188°, 42%, 54%
HSV	188°, 53%, 73%
XYZ	28.0362, 35.8862, 52.4628
YIQ	149.4690, -56.0250, -14.4010

Conversions

Conversions Part 2

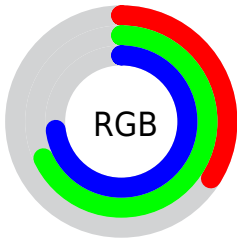
Format	Color
R _Y B	87, 134, 187
Decimal	5746363
CIE Lab	66.43, -22.48, -14.67
CIE LCh	66, 26.840, 213.125
Yxy	35.8862, 0.2409, 0.3083
Android (android.graphics.Color)	4283936443 (0xFF57AE _B B)
YUV	149.4690, 18.5028, -54.7853
Hunter-Lab	59.9051, -21.2941, -9.9905

Details

The Hex color **57AEBB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BB6457**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **90E6F3**, and **117986** is the 20% darker color. If you saturate the color by 10%, you get **44ACBB**, and if you desaturate by 10%, it is **6AB0BB**.

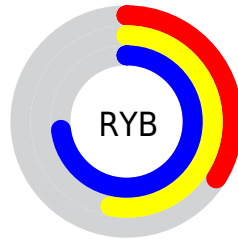
Distribution



Red (34%)

Green (68%)

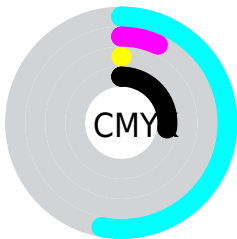
Blue (73%)



Red (34%)

Yellow (53%)

Blue (73%)

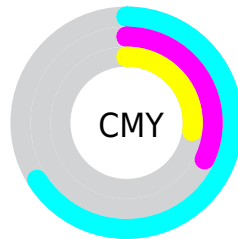


Cyan (53%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (66%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57AEBB 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 57AEBB by changing the saturation by 10% instead.


 57AEBB

 57AEBB

FFFFFF

 3993A0

 90E6F3

 117986

 ADFFFF

 00606D

 CAFFFF

 004854

 E7FFFF

 00313D

 001E27

 000113

 000000

 57AEBB

 57AEBB

44ACBB

6AB0BB

32A9BB

7CB3BB

1FA7BB

8FB5BB

0CA4BB

A2B8BB

00A3BB

B5BABB

C7BDBB

DABFBB

EDC1BB

FFC4BB

Harmonies

Analogous

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



62AFA3



57AEBB



66AACC

Triad

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



57AEBB



C393B8



B0A171

Complementary

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



57AEBB



BB6457

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.



C59977



57AEBB



D190A0

Square

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



57AEBB



A89ACA



D19288



96A879

Rectangle

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



57AEBB



7BA5D1



D19288



B89E72

Sweetspot

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



57AEBB



CBEDF2



57BB63



63777A



FAFAFA



7A7A7A

Same Dimension

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



57AEBB



57DEF2



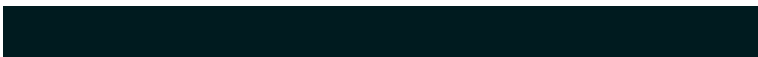
577DBB



555D5E



008A9E



001B1F

Inverse Universe

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



BB57AE



F257DE



BB9557



5E555D



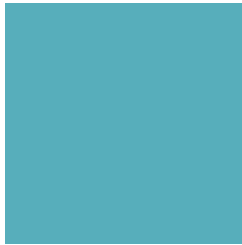
9E008A



1F001B

Previews

White Background



This preview shows how the Hex color 57AE BB looks on a white background.

Color Contrast Check

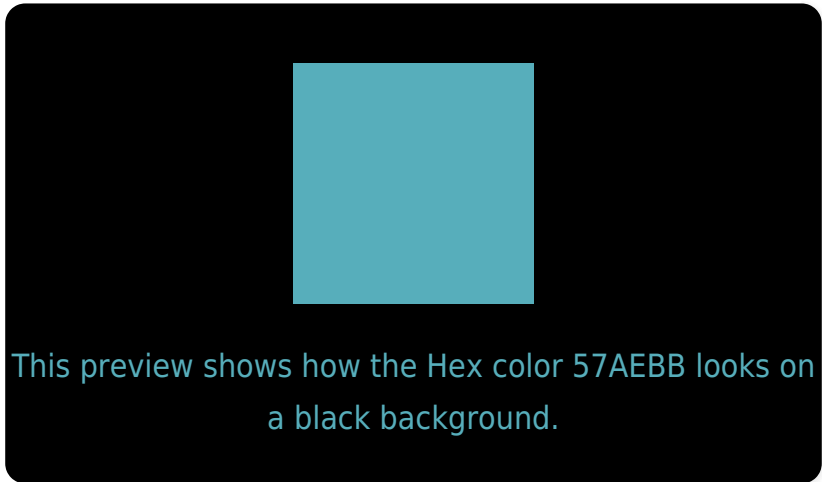
Large Text (above 18pt) WCAG AA × Fail

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

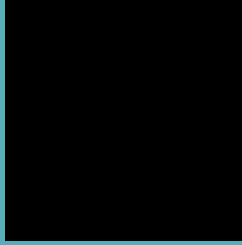
Any Text WCAG AA ✓ Pass

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 57AEBB Background



This preview shows how black text looks on a background with the Hex color 57AEBB.

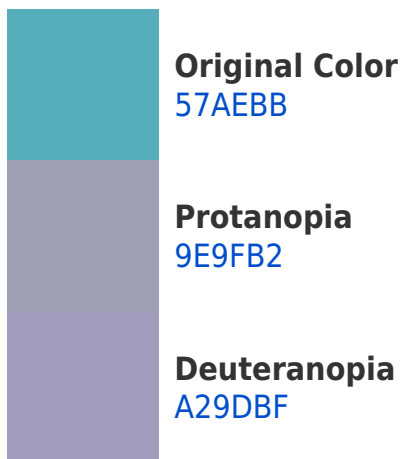


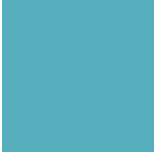
This preview shows how white text looks on a background with the Hex color 57AEBB.

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](#).

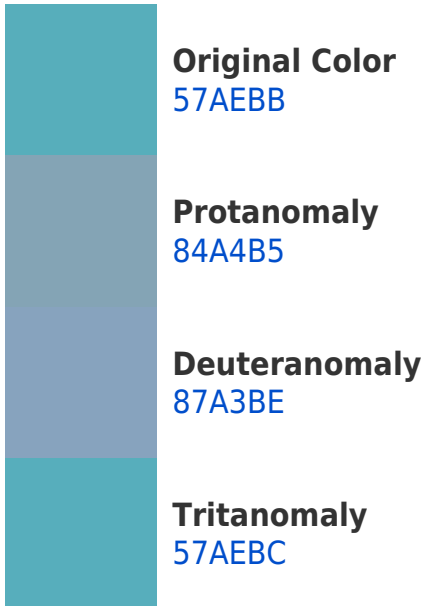
Dichromacy





Tritanopia
57AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57AEBB 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 #57AEBB looks like.

```
.text, #text, p{  
    color:#57AEBB  
}
```

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 #57AE8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57AE8B  
}
```

Border

The CSS property to change the border of an element to Hex 57AE8B 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  
#57AE8B }
```

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

```
.border{ border-color:#57AE99 }
```

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

Here you see how a box with a 4 pixel #57AE99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57AE99; -webkit-box-shadow:4px 4px  
4px 4px #57AE99; box-shadow:4px 4px 4px  
4px #57AE99 }
```

Background

The CSS property to change the background color of an element to Hex 57AE8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57AE8B }
```

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

```
.background{ background-color:#57AE8B }
```

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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