

Converting Colors

Hex(57AB95)

Have a look what the booklet for
Hex(57AB95) contains.

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Color

Hex(57AB95)

Conversions

Conversions Part 1

Format	Color
Hex	57AB95
RGB	87, 171, 149
RGB Percent	34%, 67%, 58%
CMY	0.6588, 0.3294, 0.4157
CMYK	0.49, 0.00, 0.13, 0.33
HSL	164°, 33%, 51%
HSV	164°, 49%, 67%
XYZ	23.9182, 33.3220, 33.6049
YIQ	143.3760, -43.0020, -24.6500

Conversions

Conversions Part 2

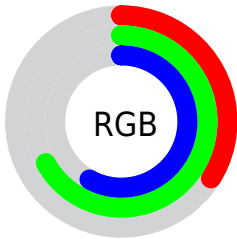
Format	Color
RYB	87, 135, 171
Decimal	5745557
CIELab	64.42, -30.97, 3.50
CIElCh	64, 31.168, 173.557
Yxy	33.3220, 0.2633, 0.3668
Android (android.graphics.Color)	4283935637 (0xFF57AB95)
YUV	143.3760, 2.7726, -49.4418
Hunter-Lab	57.7252, -27.0583, 5.8917

Details

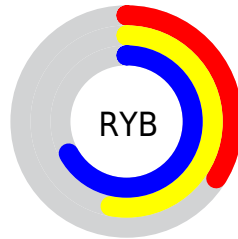
The Hex color **57AB95** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB576D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8EE3CB**, and **1B7662** is the 20% darker color. If you saturate the color by 10%, you get **46AB91**, and if you desaturate by 10%, it is **68AB99**.

Distribution



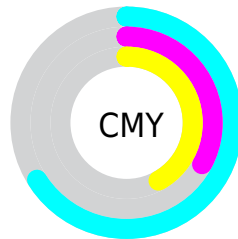
- Red (34%)
- Green (67%)
- Blue (58%)



- Red (34%)
- Yellow (53%)
- Blue (67%)



- Cyan (49%)
- Magenta (0%)
- Yellow (13%)
- Black (33%)



- Cyan (66%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57AB95 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 57AB95 by changing the saturation by 10% instead.

 57AB95

 57AB95

FFFFFF

 3B907B

 8EE3CB

 1B7662

 AAFFE7

 005D4B

 C7FFFF

 004534

 E4FFFF

 002E1F

 001807

 000000

 57AB95

 57AB95

 46AB91

 68AB99

 35AB8C

 79AB9E

 24AB88

 8AABA2

 13AB83

 9BABA7

 01AB7F

 ACABAB

 00AB7E

 BEABB0

 CFABB4

 E0ABB9

 F1ABBD

Harmonies

Analogous

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



78A87A



57AB95



3DABB1

Triad

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



57AB95



9797CF



CA8F70

Complementary

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



57AB95



AB576D

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.



D38887



57AB95



BA8EBE

Square

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



57AB95



6DA1D3



CE88A3



B59865

Rectangle

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



57AB95



3EA9C2



CE88A3



CE8C77

Sweetspot

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



57AB95



BDD5D5



6DAB57



5C706B



F0F0F0



707070

Same Dimension

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



57AB95



5BDEBC



5797AB



4E5754



00966F



001711

Inverse Universe

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



AB576D



DE5B7D



AB6B57



574E50



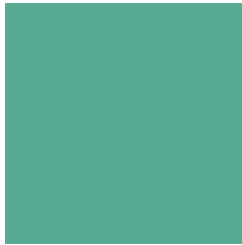
960027



170006

Previews

White Background



This preview shows how the Hex color 57AB95 looks on a white background.

Color Contrast Check

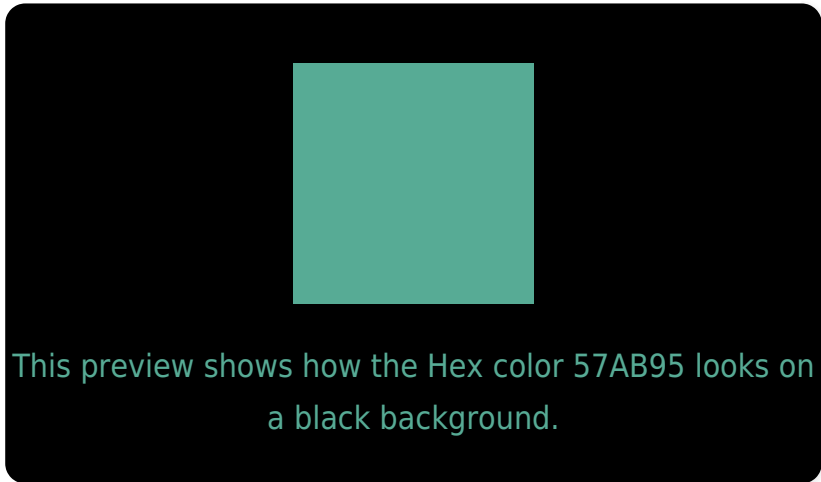
Large Text (above 18pt) WCAG AA × Fail

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

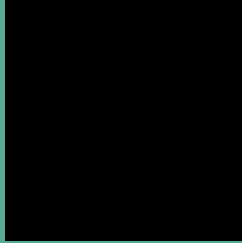
Any Text WCAG AA ✓ Pass

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 57AB95 Background



This preview shows how black text looks on a background with the Hex color 57AB95.

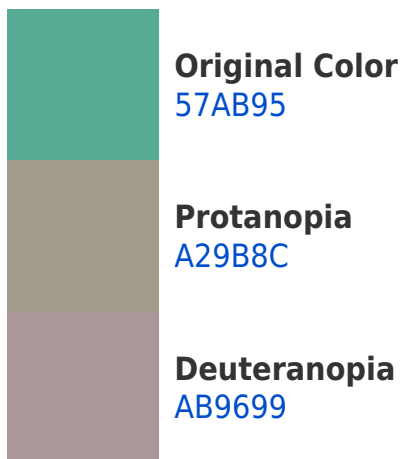


This preview shows how white text looks on a background with the Hex color 57AB95.

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](#).

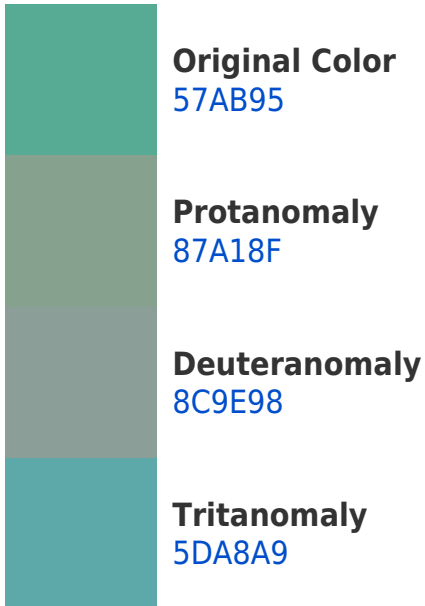
Dichromacy



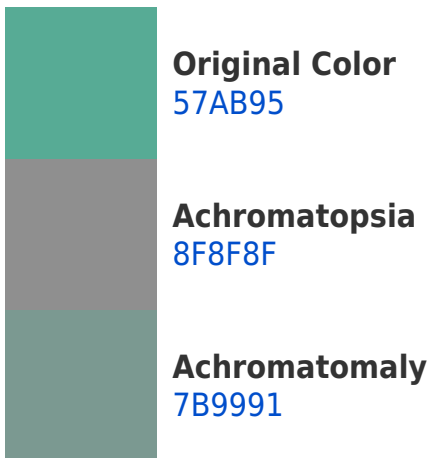


Tritanopia
60A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57AB95 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 #57AB95 looks like.

```
.text, #text, p{  
    color:#57AB95  
}
```

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 #57AB95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57AB95
}
```

Border

The CSS property to change the border of an element to Hex 57AB95 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
#57AB95 }
```

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

```
.border{ border-color:#57AB95 }
```

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

Here you see how a box with a 4 pixel #57AB95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57AB95; -webkit-box-shadow:4px 4px  
4px 4px #57AB95; box-shadow:4px 4px 4px  
4px #57AB95 }
```

Background

The CSS property to change the background color of an element to Hex 57AB95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57AB95 }
```

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

```
.background{ background-color:#57AB95 }
```

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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