

Converting Colors

Hex(56AEAE)

Have a look what the booklet for
Hex(56AEAE) contains.

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Color

Hex(56AEAE)

Conversions

Conversions Part 1

Format	Color
Hex	56AEAE
RGB	86, 174, 174
RGB Percent	34%, 68%, 68%
CMY	0.6627, 0.3176, 0.3176
CMYK	0.51, 0.00, 0.00, 0.32
HSL	180°, 35%, 51%
HSV	180°, 51%, 68%
XYZ	26.6138, 35.3065, 45.4565
YIQ	147.6880, -52.4480, -18.6560

Conversions

Conversions Part 2

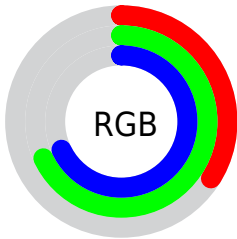
Format	Color
RYB	86, 130, 174
Decimal	5680814
CIELab	65.99, -26.28, -8.12
CIElCh	66, 27.508, 197.171
Yxy	35.3065, 0.2479, 0.3288
Android (android.graphics.Color)	4283870894 (0xFF56AEAE)
YUV	147.6880, 12.9718, -54.1004
Hunter-Lab	59.4193, -24.0340, -3.7641

Details

The Hex color **56AEAE** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AE5656**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8FE6E5**, and **13797A** is the 20% darker color. If you saturate the color by 10%, you get **45AEAE**, and if you desaturate by 10%, it is **67AEAE**.

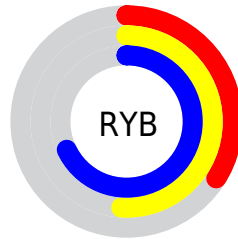
Distribution



Red (34%)

Green (68%)

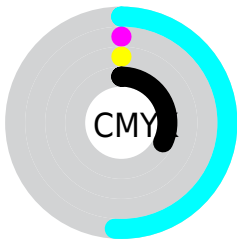
Blue (68%)



Red (34%)

Yellow (51%)

Blue (68%)

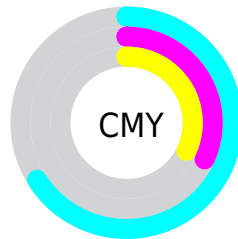


Cyan (51%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (66%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56AEAE 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 56AEAE by changing the saturation by 10% instead.


 56AEAE

 56AEAE

FFFFFF

 389393

 8FE6E5

 13797A

 ABFFFF

 006061

 C8FFFF

 004849

 E5FFFF

 003133

 001E1E

 000003

 000000

 56AEAE

 56AEAE

45AEAE

67AEAE

33AEAE

79AEAE

22AEAE

8AAEAE

10AEAE

9CAEAE

00AEAE

ADAEAE

BEAEAE

D0AEAE

E1AEAE

F3AEAE

Harmonies

Analogous

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



6BAD95



56AEAE



57ABC4

Triad

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



56AEAE



B595C2



BC9B71

Complementary

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



56AEAE



AE5656

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.



CC937D



56AEAE



CB8FAC

Square

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



56AEAE



959ECF



D28E93



A3A371

Rectangle

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



56AEAE



67A8CD



D28E93



C29873

Sweetspot

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



56AEAE



C1E3E3



56AE56



5E7373



F2F2F2



737373

Same Dimension

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



56AEAE



59E3E3



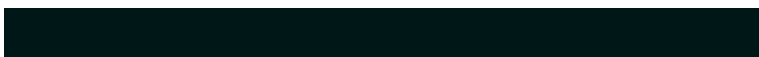
5682AE



4E5757



009696



001717

Inverse Universe

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



AE56AE



E359E3



AE8256



574E57



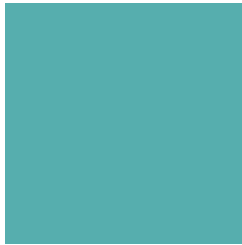
960096



170017

Previews

White Background



This preview shows how the Hex color 56AEAE looks on a white background.

Color Contrast Check

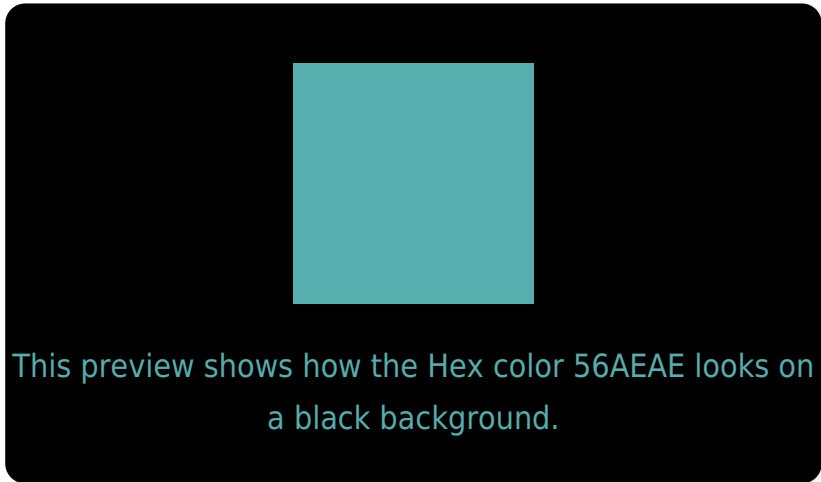
Large Text (above 18pt) WCAG AA × Fail

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

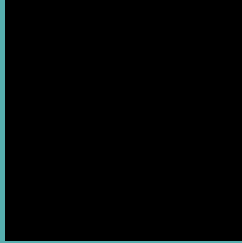
Any Text WCAG AA ✓ Pass

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 56AEAE Background



This preview shows how black text looks on a background with the Hex color 56AEAE.

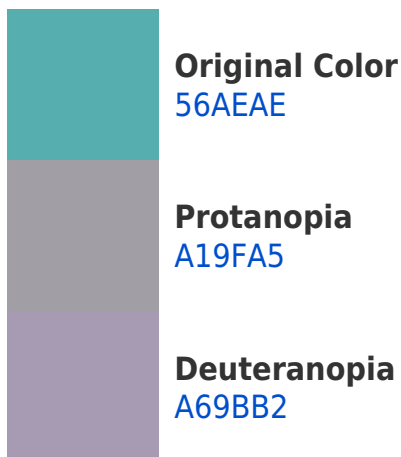


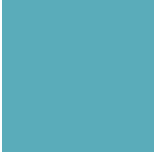
This preview shows how white text looks on a background with the Hex color 56AEAE.

Color Blindness Simulation

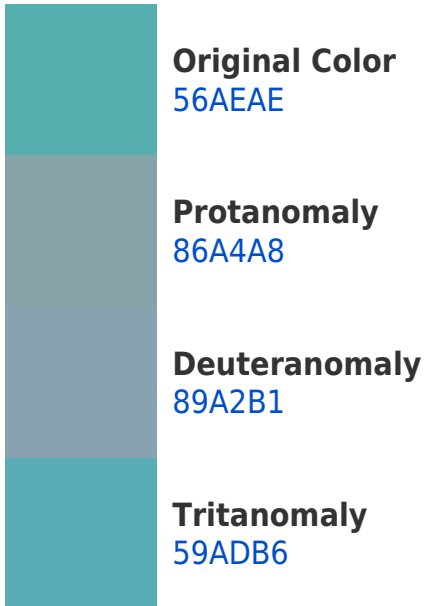
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

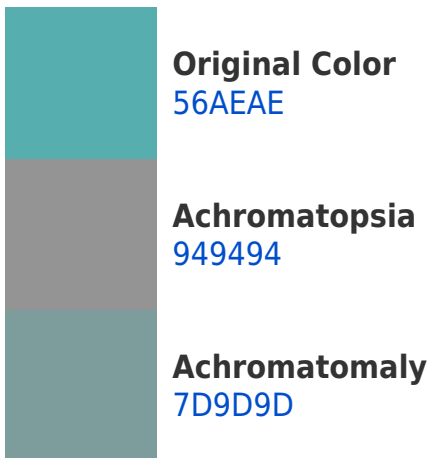




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56AEAE 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 #56AEAE looks like.

```
.text, #text, p{  
    color:#56AEAE  
}
```

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 #56AEAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56AEAE
}
```

Border

The CSS property to change the border of an element to Hex 56AEAE 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
#56AEAE }
```

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

```
.border{ border-color:#56AEAE }
```

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

Here you see how a box with a 4 pixel #56AEAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56AEAE; -webkit-box-shadow:4px 4px  
4px 4px #56AEAE; box-shadow:4px 4px 4px  
4px #56AEAE }
```

Background

The CSS property to change the background color of an element to Hex 56AEAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56AEAE }
```

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

```
.background{ background-color:#56AEAE }
```

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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