

Converting Colors

Hex(5B9DAE)

Have a look what the booklet for
Hex(5B9DAE) contains.

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Color

Hex(5B9DAE)

Conversions

Conversions Part 1

Format	Color
Hex	5B9DAE
RGB	91, 157, 174
RGB Percent	36%, 62%, 68%
CMY	0.6431, 0.3843, 0.3176
CMYK	0.48, 0.10, 0.00, 0.32
HSL	192°, 34%, 52%
HSV	192°, 48%, 68%
XYZ	24.0113, 29.3941, 44.4525
YIQ	139.2040, -44.7930, -8.7050

Conversions

Conversions Part 2

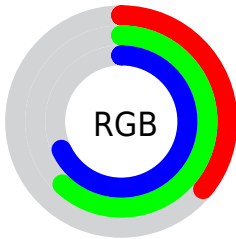
Format	Color
R_{YB}	91, 128, 174
Decimal	6004142
CIE _{Lab}	61.13, -16.37, -15.39
CIE _{LCh}	61, 22.467, 223.234
Yxy	29.3941, 0.2454, 0.3004
Android (android.graphics.Color)	4284194222 (0xFF5B9DAE)
YUV	139.2040, 17.1544, -42.2749
Hunter-Lab	54.2163, -15.8244, -10.6610

Details

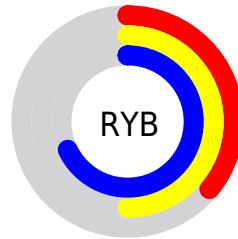
The Hex color **5B9DAE** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AE6C5B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **92D4E5**, and **216A7A** is the 20% darker color. If you saturate the color by 10%, you get **4A99AE**, and if you desaturate by 10%, it is **6CA1AE**.

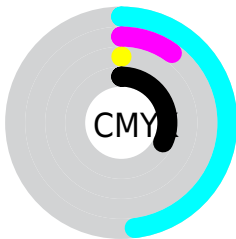
Distribution



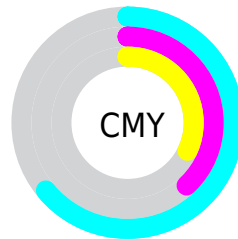
- Red (36%)
- Green (62%)
- Blue (68%)



- Red (36%)
- Yellow (50%)
- Blue (68%)



- Cyan (48%)
- Magenta (10%)
- Yellow (0%)
- Black (32%)



- Cyan (64%)
- Magenta (38%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9DAE 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 5B9DAE by changing the saturation by 10% instead.

 5B9DAE

 5B9DAE

FFFFFF

 3F8393

 92D4E5

 216A7A

 AEF0FF

 005161

 CAFFFF

 003A49

 E7FFFF

 002432

 00091E

 000000

 5B9DAE

 5B9DAE

 4A99AE

 6CA1AE

3896AE

7EA4AE

2792AE

8FA8AE

158FAE

A1ABAE

048BAE

B2AF AE

008AAE

C3B2AE

D5B6AE

E6BAAE

F8BDAE

Harmonies

Analogous

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



5C9F9C



5B9DAE



6C99B9

Triad

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



5B9DAE



B4869F



99956D

Complementary

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



5B9DAE



AE6C5B

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.



AC8E6E



5B9DAE



BC858B

Square

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



5B9DAE



A28BB1



B98879



839B76

Rectangle

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



5B9DAE



7E95BB



B98879



A0936C

Sweetspot

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



5B9DAE



C3DCE3



5BAE6C



5F6F73



F2F2F2



737373

Same Dimension

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



5B9DAE



62C8E3



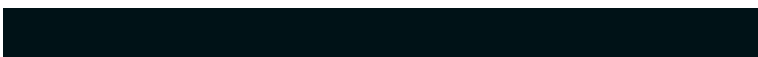
5B74AE



4E5557



007896



001217

Inverse Universe

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



AE5B9D



E362C8



AE955B



574E55



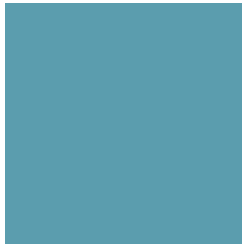
960078



170012

Previews

White Background



This preview shows how the Hex color 5B9DAE looks on a white background.

Color Contrast Check

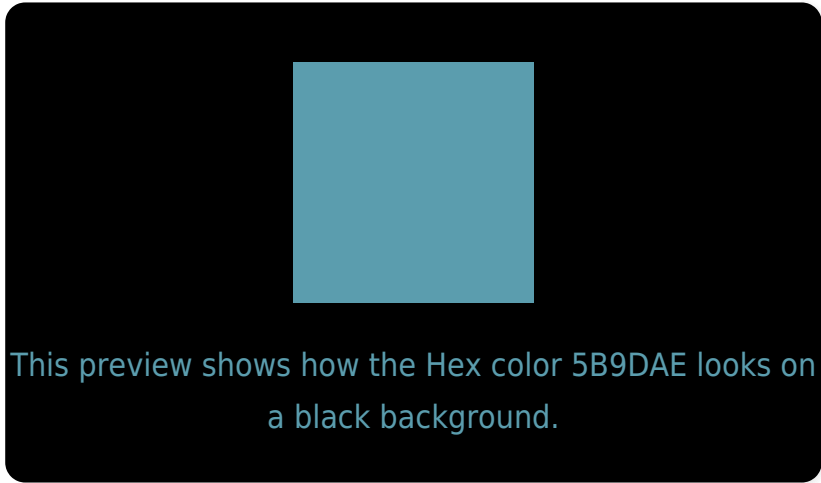
Large Text (above 18pt) WCAG AA ✓ Pass

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

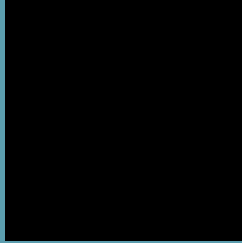
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 5B9DAE Background



This preview shows how black text looks on a background with the Hex color 5B9DAE.

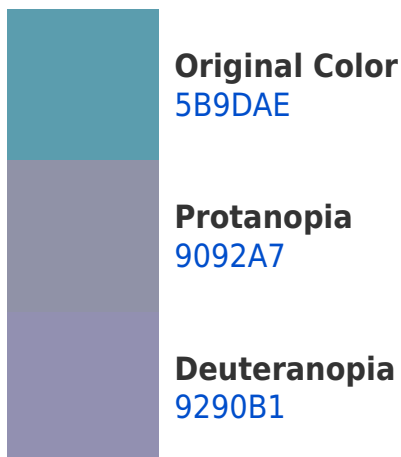


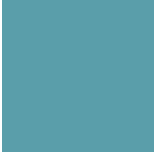
This preview shows how white text looks on a background with the Hex color 5B9DAE.

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](#).

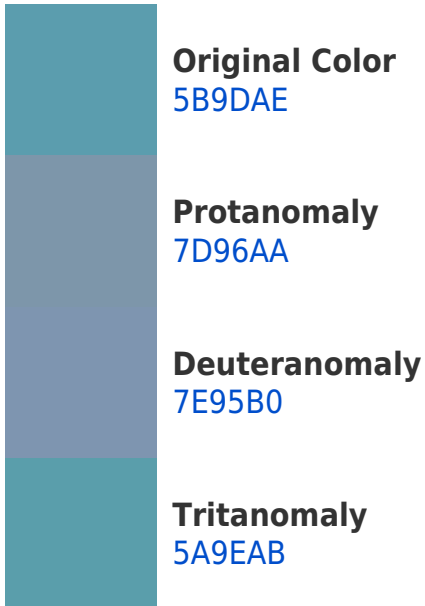
Dichromacy



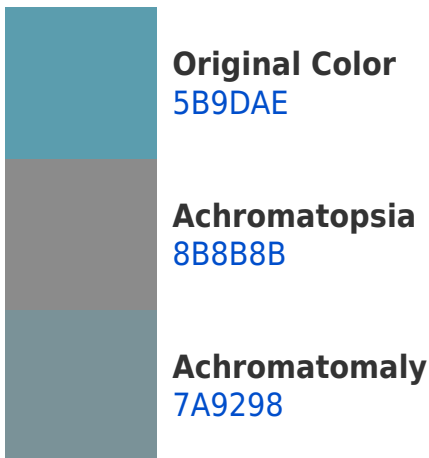


Tritanopia
5A9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9DAE 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 #5B9DAE looks like.

```
.text, #text, p{  
    color:#5B9DAE  
}
```

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 #5B9DAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9DAE
}
```

Border

The CSS property to change the border of an element to Hex 5B9DAE 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
#5B9DAE }
```

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

```
.border{ border-color:#5B9DAE }
```

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

Here you see how a box with a 4 pixel #5B9DAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9DAE; -webkit-box-shadow:4px 4px  
4px 4px #5B9DAE; box-shadow:4px 4px 4px  
4px #5B9DAE }
```

Background

The CSS property to change the background color of an element to Hex 5B9DAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9DAE }
```

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

```
.background{ background-color:#5B9DAE }
```

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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