

Converting Colors

Hex(5E9BA6)

Have a look what the booklet for
Hex(5E9BA6) contains.

Hex(5E9BA6)	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(5E9BA6)

Conversions

Conversions Part 1

Format	Color
Hex	5E9BA6
RGB	94, 155, 166
RGB Percent	37%, 61%, 65%
CMY	0.6314, 0.3922, 0.3490
CMYK	0.43, 0.07, 0.00, 0.35
HSL	189°, 29%, 51%
HSV	189°, 43%, 65%
XYZ	23.2204, 28.5755, 40.3682
YIQ	138.0150, -39.8870, -9.5110

Conversions

Conversions Part 2

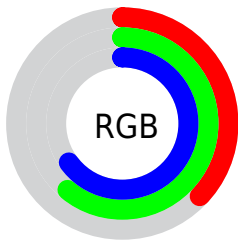
Format	Color
R_{YB}	94, 127, 166
Decimal	6200230
CIE _{Lab}	60.41, -16.76, -11.94
CIE _{LCh}	60, 20.583, 215.472
Yxy	28.5755, 0.2519, 0.3101
Android (android.graphics.Color)	4284390310 (0xFF5E9BA6)
YUV	138.0150, 13.7966, -38.6012
Hunter-Lab	53.4561, -16.0110, -7.3545

Details

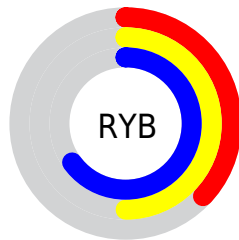
The Hex color **5E9BA6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A6695E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **94D2DD**, and **276872** is the 20% darker color. If you saturate the color by 10%, you get **4D98A6**, and if you desaturate by 10%, it is **6F9EA6**.

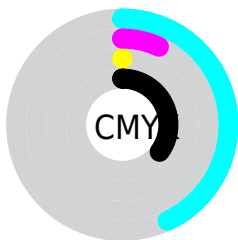
Distribution



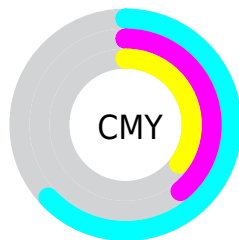
- Red (37%)
- Green (61%)
- Blue (65%)



- Red (37%)
- Yellow (50%)
- Blue (65%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (63%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E9BA6 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 5E9BA6 by changing the saturation by 10% instead.



5E9BA6



5E9BA6

FFFFFF



43818C



94D2DD



276872



B0EEFA



024F5A



CCFFFF



003842



E9FFFF



00232C



000418



000000



5E9BA6



5E9BA6



4D98A6



6F9EA6

3D96A6

7FA0A6

2C93A6

90A3A6

1C91A6

A0A5A6

0B8EA6

B1A8A6

008DA6

C2AAA6

D2ADA6

E3AFA6

F3B2A6

Harmonies

Analogous

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



639C94



5E9BA6



6A98B2

Triad

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



5E9BA6



AC87A1



9C926E

Complementary

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



5E9BA6



A6695E

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.



AC8B71



5E9BA6



B6858F

Square

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



5E9BA6



998CAF



B6867D



889774

Rectangle

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



5E9BA6



7894B5



B6867D



A28F6E

Sweetspot

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



5E9BA6



BDD4D9



5EA669



5C6B6E



EDEDED



6E6E6E

Same Dimension

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



5E9BA6



68C8D9



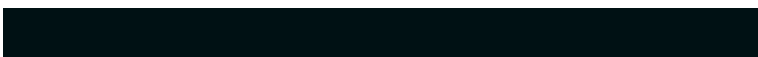
5E77A6



4C5354



007D94



001114

Inverse Universe

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



A65E9B



D968C8



A68D5E



544C53



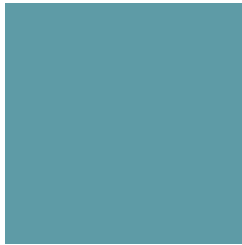
94007D



140011

Previews

White Background



This preview shows how the Hex color 5E9BA6 looks on a white background.

Color Contrast Check

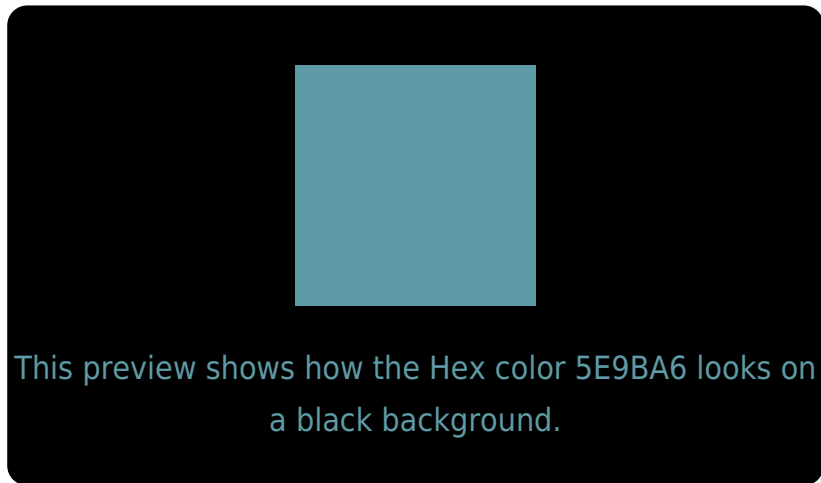
Large Text (above 18pt) WCAG AA ✓ Pass

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

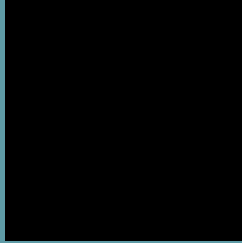
Any Text WCAG AA ✓ Pass

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 5E9BA6 Background



This preview shows how black text looks on a background with the Hex color 5E9BA6.

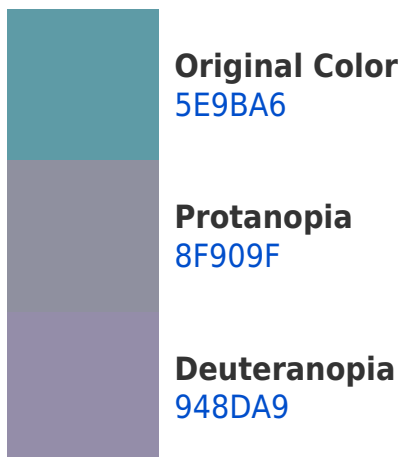


This preview shows how white text looks on a background with the Hex color 5E9BA6.

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](#).

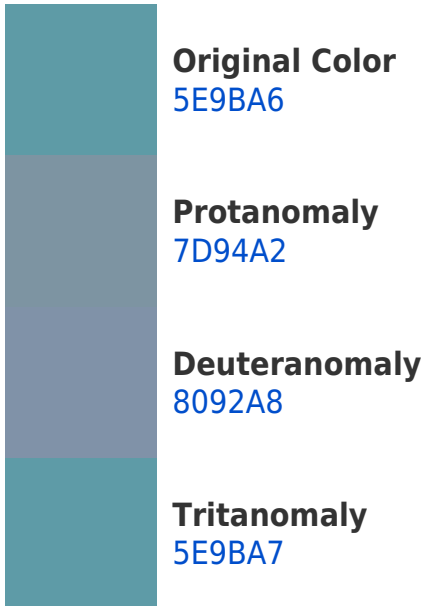
Dichromacy





Tritanopia
5E9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E9BA6 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 #5E9BA6 looks like.

```
.text, #text, p{  
    color:#5E9BA6  
}
```

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 #5E9BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E9BA6
}
```

Border

The CSS property to change the border of an element to Hex 5E9BA6 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
#5E9BA6 }
```

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

```
.border{ border-color:#5E9BA6 }
```

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

Here you see how a box with a 4 pixel #5E9BA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E9BA6; -webkit-box-shadow:4px 4px  
4px 4px #5E9BA6; box-shadow:4px 4px 4px  
4px #5E9BA6 }
```

Background

The CSS property to change the background color of an element to Hex 5E9BA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E9BA6 }
```

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

```
.background{ background-color:#5E9BA6 }
```

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