

Converting Colors

Hex(5A9D99)

Have a look what the booklet for
Hex(5A9D99) contains.

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Color

Hex(5A9D99)

Conversions

Conversions Part 1

Format	Color
Hex	5A9D99
RGB	90, 157, 153
RGB Percent	35%, 62%, 60%
CMY	0.6471, 0.3843, 0.4000
CMYK	0.43, 0.00, 0.03, 0.38
HSL	176°, 27%, 48%
HSV	176°, 43%, 62%
XYZ	22.0232, 28.5875, 34.4942
YIQ	136.5110, -38.6480, -15.4480

Conversions

Conversions Part 2

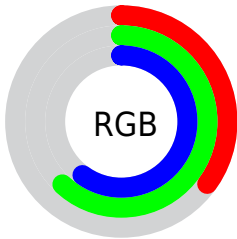
Format	Color
RYB	90, 125, 157
Decimal	5938585
CIELab	60.42, -22.28, -4.59
CIElCh	60, 22.744, 191.641
Yxy	28.5875, 0.2588, 0.3359
Android (android.graphics.Color)	4284128665 (0xFF5A9D99)
YUV	136.5110, 8.1291, -40.7901
Hunter-Lab	53.4673, -20.0436, -0.8236

Details

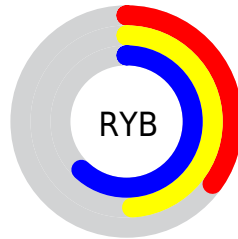
The Hex color **5A9D99** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D5A5E**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **90D4CF**, and **236966** is the 20% darker color. If you saturate the color by 10%, you get **4A9D98**, and if you desaturate by 10%, it is **6A9D9A**.

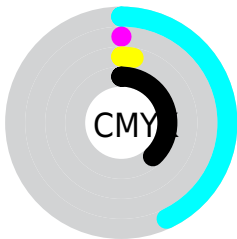
Distribution



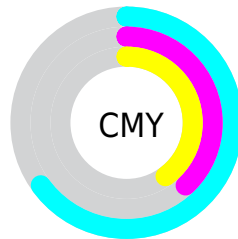
- Red (35%)
- Green (62%)
- Blue (60%)



- Red (35%)
- Yellow (49%)
- Blue (62%)



- Cyan (43%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)



- Cyan (65%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9D99 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 5A9D99 by changing the saturation by 10% instead.

 5A9D99

 5A9D99

FFFFFF

 3F837F

 90D4CF

 236966

 ACF0EB

 00514E

 C8FFFF

 003A37

 E5FFFF

 002422

 00030C

 000000

 5A9D99

 5A9D99

 4A9D98

 6A9D9A

 3B9D97

 799D9B

 2B9D96

 899D9C

 1B9D95

 999D9D

 0B9D94

 A99D9E

 009D94

 B89D9F

 C89DA0

 D89DA0

 E79DA1

Harmonies

Analogous

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



6B9C84



5A9D99



589BAC

Triad

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



5A9D99



9F8AB0



AB8C6C

Complementary

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



5A9D99



9D5A5E

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.



B88678



5A9D99



B2859F

Square

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



5A9D99



8491B9



BA838A



98936A

Rectangle

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



5A9D99



6199B4



BA838A



B08A6F

Sweetspot

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



5A9D99



B1CCCA



5E9D5A



566665



E6E6E6



666666

Same Dimension

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



5A9D99



64CCC6



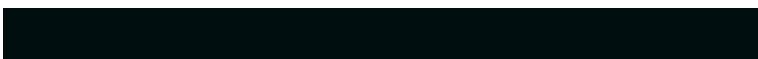
5A809D



474F4F



008F86



000F0E

Inverse Universe

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



9D5A5E



CC646A



9D775A



4F4748



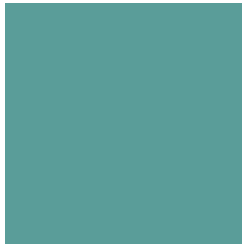
8F0009



0F0001

Previews

White Background



This preview shows how the Hex color 5A9D99 looks on a white background.

Color Contrast Check

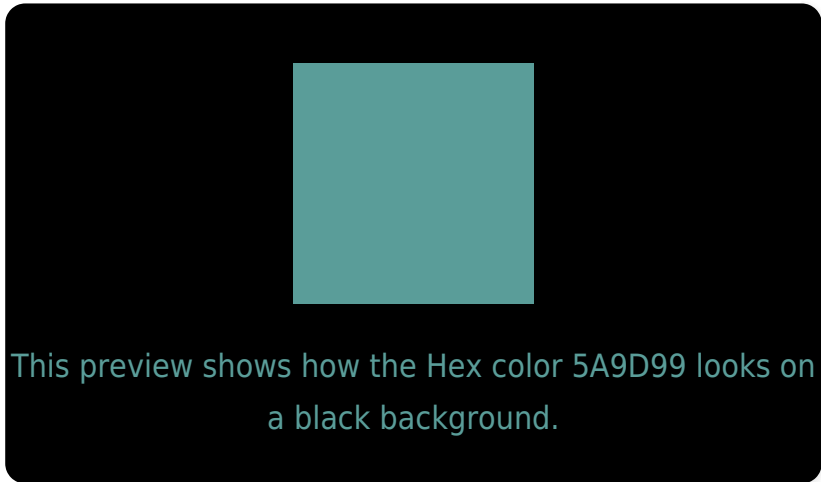
Large Text (above 18pt) WCAG AA ✓ Pass

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

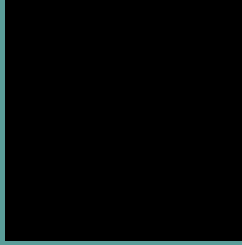
Any Text WCAG AA ✓ Pass

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 5A9D99 Background



This preview shows how black text looks on a background with the Hex color 5A9D99.

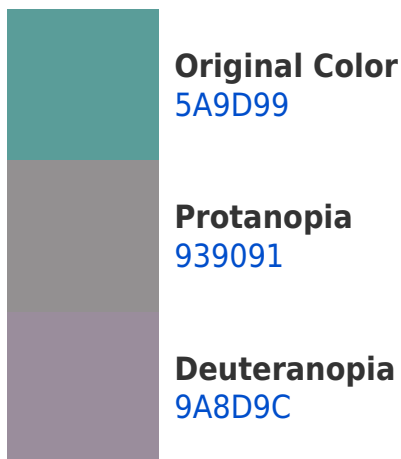


This preview shows how white text looks on a background with the Hex color 5A9D99.

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



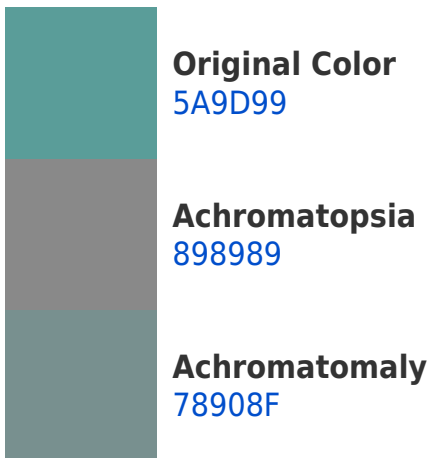


Tritanopia
5E9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9D99 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 #5A9D99 looks like.

```
.text, #text, p{  
    color:#5A9D99  
}
```

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 #5A9D99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9D99
}
```

Border

The CSS property to change the border of an element to Hex 5A9D99 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
#5A9D99 }
```

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

```
.border{ border-color:#5A9D99 }
```

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

Here you see how a box with a 4 pixel #5A9D99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9D99; -webkit-box-shadow:4px 4px  
4px 4px #5A9D99; box-shadow:4px 4px 4px  
4px #5A9D99 }
```

Background

The CSS property to change the background color of an element to Hex 5A9D99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9D99 }
```

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

```
.background{ background-color:#5A9D99 }
```

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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