

Converting Colors

Hex(5C99A1)

Have a look what the booklet for
Hex(5C99A1) contains.

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Color

Hex(5C99A1)

Conversions

Conversions Part 1

Format	Color
Hex	5C99A1
RGB	92, 153, 161
RGB Percent	36%, 60%, 63%
CMY	0.6392, 0.4000, 0.3686
CMYK	0.43, 0.05, 0.00, 0.37
HSL	187°, 27%, 50%
HSV	187°, 43%, 63%
XYZ	22.2379, 27.6310, 37.8795
YIQ	135.6730, -38.9240, -10.4440

Conversions

Conversions Part 2

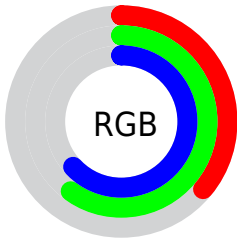
Format	Color
R_{YB}	92, 124, 161
Decimal	6068641
CIE _{Lab}	59.55, -17.57, -10.40
CIE _{LCh}	60, 20.412, 210.621
Yxy	27.6310, 0.2534, 0.3149
Android (android.graphics.Color)	4284258721 (0xFF5C99A1)
YUV	135.6730, 12.4862, -38.3012
Hunter-Lab	52.5652, -16.4740, -5.9299

Details

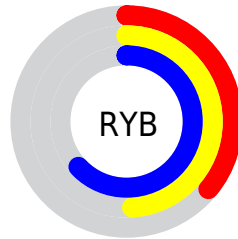
The Hex color **5C99A1** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A1645C**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **92CFD8**, and **26666E** is the 20% darker color. If you saturate the color by 10%, you get **4C97A1**, and if you desaturate by 10%, it is **6C9BA1**.

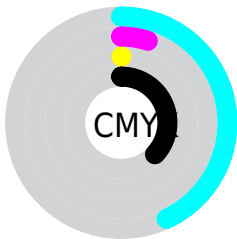
Distribution



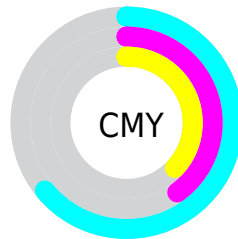
- Red (36%)
- Green (60%)
- Blue (63%)



- Red (36%)
- Yellow (49%)
- Blue (63%)



- Cyan (43%)
- Magenta (5%)
- Yellow (0%)
- Black (37%)



- Cyan (64%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C99A1 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 5C99A1 by changing the saturation by 10% instead.

■ 5C99A1

■ 5C99A1

FFFFFF

■ 417F87

■ 92CFD8

■ 26666E

■ AEECF4

■ 004E55

■ CAFFFF

■ 00373E

■ E7FFFF

■ 002128

■ 000114

■ 000000

■ 5C99A1

■ 5C99A1

■ 4C97A1

■ 6C9BA1

■ 3C95A1

■ 7C9DA1

■ 2C93A1

■ 8C9FA1

■ 1C92A1

■ 9CA0A1

■ 0B90A1

■ ACA2A1

■ 008EA1

■ BDA4A1

■ CDA6A1

■ DDA8A1

■ EDAAA1

Harmonies

Analogous

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



639A8F



5C99A1



6596AE

Triad

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



5C99A1



A785A1



9C8E6C

Complementary

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



5C99A1



A1645C

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.



AC8871



5C99A1



B28390

Square

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



5C99A1



938BAE



B4847E



899470

Rectangle

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



5C99A1



7293B2



B4847E



A28C6C

Sweetspot

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



5C99A1



B6CED1



5CA163



586769



E8E8E8



696969

Same Dimension

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



5C99A1



66C5D1



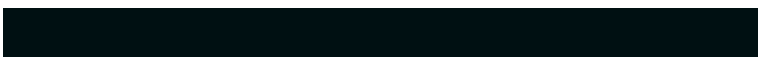
5C78A1



495152



008091



001012

Inverse Universe

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



A15C99



D166C5



A1855C



524951



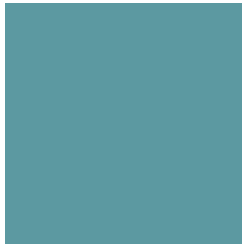
910080



120010

Previews

White Background



This preview shows how the Hex color 5C99A1 looks on a white background.

Color Contrast Check

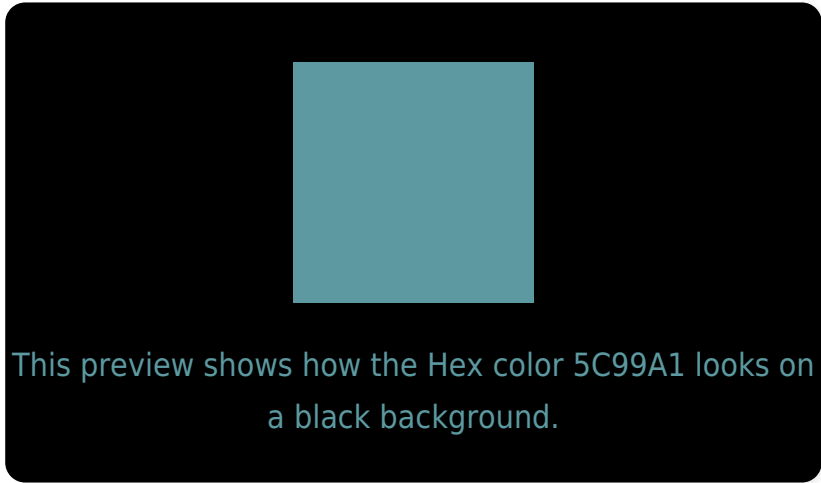
Large Text (above 18pt) WCAG AA ✓ Pass

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

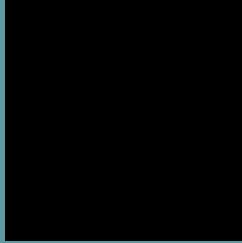
Any Text WCAG AA ✓ Pass

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 5C99A1 Background



This preview shows how black text looks on a background with the Hex color 5C99A1.



This preview shows how white text looks on a background with the Hex color 5C99A1.

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



Original Color
5C99A1

Protanopia
8E8E9A

Deuteranopia
938BA4

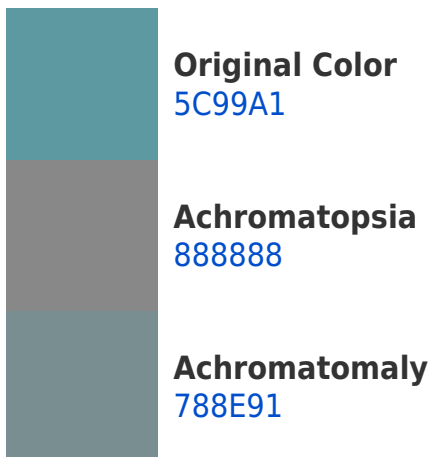


Tritanopia
5D98A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C99A1 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 #5C99A1 looks like.

```
.text, #text, p{  
    color:#5C99A1  
}
```

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 #5C99A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C99A1
}
```

Border

The CSS property to change the border of an element to Hex 5C99A1 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
#5C99A1 }
```

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

```
.border{ border-color:#5C99A1 }
```

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

Here you see how a box with a 4 pixel #5C99A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C99A1; -webkit-box-shadow:4px 4px  
4px 4px #5C99A1; box-shadow:4px 4px 4px  
4px #5C99A1 }
```

Background

The CSS property to change the background color of an element to Hex 5C99A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C99A1 }
```

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

```
.background{ background-color:#5C99A1 }
```

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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