

Converting Colors

Hex(5B94A4)

Have a look what the booklet for
Hex(5B94A4) contains.

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Color

Hex(5B94A4)

Conversions

Conversions Part 1

Format	Color
Hex	5B94A4
RGB	91, 148, 164
RGB Percent	36%, 58%, 64%
CMY	0.6431, 0.4196, 0.3569
CMYK	0.45, 0.10, 0.00, 0.36
HSL	193°, 29%, 50%
HSV	193°, 45%, 64%
XYZ	21.6051, 26.0843, 39.0180
YIQ	132.7810, -39.1080, -7.1080

Conversions

Conversions Part 2

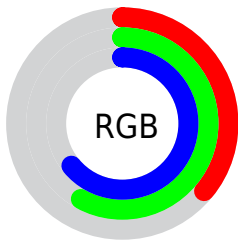
Format	Color
R_{YB}	91, 123, 164
Decimal	6001828
CIE _{Lab}	58.12, -14.32, -14.27
CIE _{LCh}	58, 20.218, 224.895
Yxy	26.0843, 0.2492, 0.3008
Android (android.graphics.Color)	4284191908 (0xFF5B94A4)
YUV	132.7810, 15.3910, -36.6419
Hunter-Lab	51.0728, -13.8672, -9.5448

Details

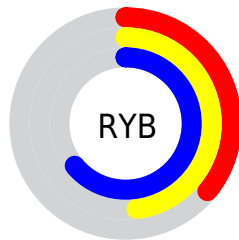
The Hex color **5B94A4** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A46B5B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **91CADB**, and **246170** is the 20% darker color. If you saturate the color by 10%, you get **4B90A4**, and if you desaturate by 10%, it is **6B98A4**.

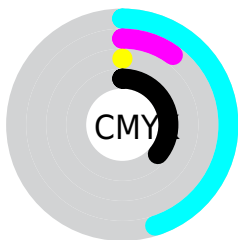
Distribution



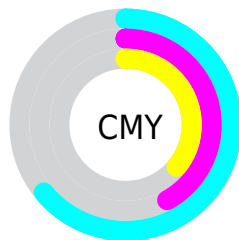
- Red (36%)
- Green (58%)
- Blue (64%)



- Red (36%)
- Yellow (48%)
- Blue (64%)



- Cyan (45%)
- Magenta (10%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B94A4 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 5B94A4 by changing the saturation by 10% instead.



5B94A4



5B94A4

FFFFFF



407A8A



91CADB



246170



ADE6F7



004958



C9FFFF



003340



E6FFFF



001E2A



000116



000000



5B94A4



5B94A4



4B90A4



6B98A4

■ 3A8DA4

■ 7C9BA4

■ 2A89A4

■ 8C9FA4

■ 1986A4

■ 9DA2A4

■ 0982A4

■ ADA6A4

■ 0080A4

■ BDAAA4

■ CEADA4

■ DEB1A4

■ EFB4A4

Harmonies

Analogous

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



5B9694



5B94A4



6B90AD

Triad

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



5B94A4



A98095



908D69

Complementary

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



5B94A4



A46B5B

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.



A1876A



5B94A4



B07F83

Square

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



5B94A4



9984A5



AD8273



7C9272

Rectangle

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



5B94A4



7A8CAF



AD8273



968B68

Sweetspot

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



5B94A4



BAD0D6



5BA46B



5A676B



EBEBEB



6B6B6B

Same Dimension

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



5B94A4



65BDD6



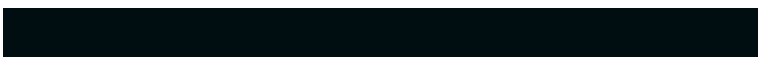
5B70A4



495052



007191



000E12

Inverse Universe

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



A45B94



D665BD



A48F5B



524950



910071



12000E

Previews

White Background



This preview shows how the Hex color 5B94A4 looks on a white background.

Color Contrast Check

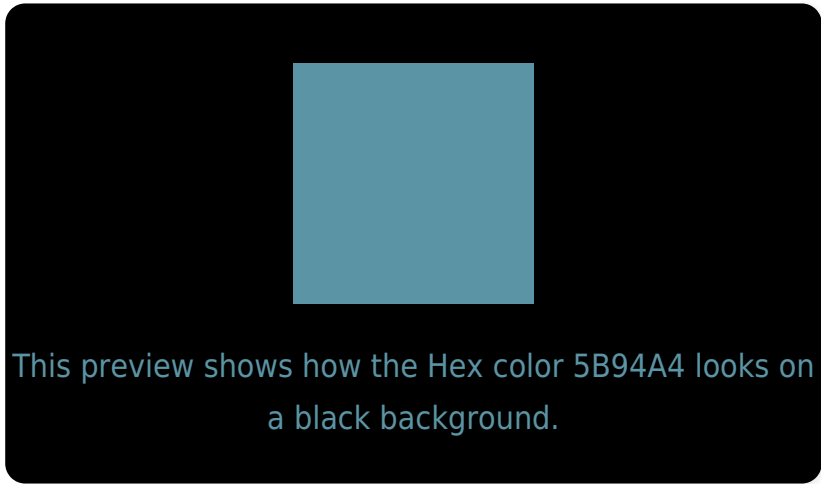
Large Text (above 18pt) WCAG AA ✓ Pass

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

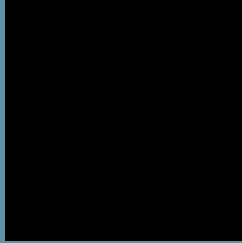
Any Text WCAG AA ✓ Pass

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 5B94A4 Background



This preview shows how black text looks on a background with the Hex color 5B94A4.

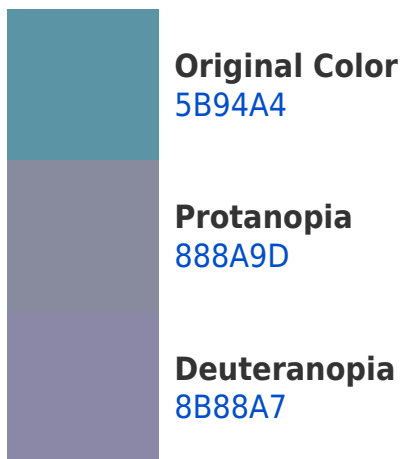


This preview shows how white text looks on a background with the Hex color 5B94A4.

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](#).

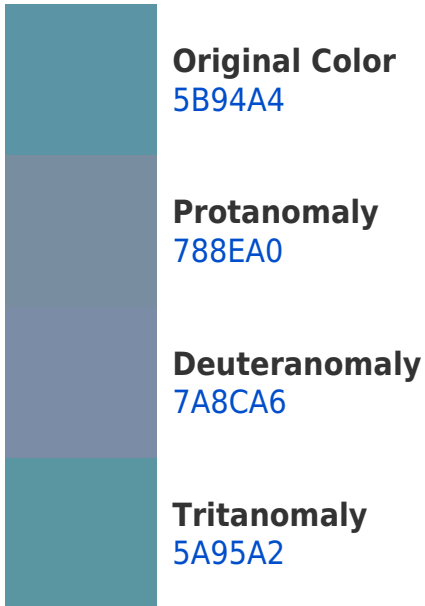
Dichromacy



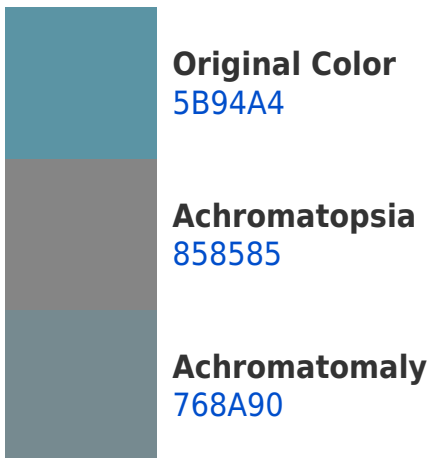


Tritanopia
5A95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B94A4 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 #5B94A4 looks like.

```
.text, #text, p{  
    color:#5B94A4  
}
```

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 #5B94A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B94A4
}
```

Border

The CSS property to change the border of an element to Hex 5B94A4 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
#5B94A4 }
```

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

```
.border{ border-color:#5B94A4 }
```

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

Here you see how a box with a 4 pixel #5B94A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B94A4; -webkit-box-shadow:4px 4px  
4px 4px #5B94A4; box-shadow:4px 4px 4px  
4px #5B94A4 }
```

Background

The CSS property to change the background color of an element to Hex 5B94A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B94A4 }
```

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

```
.background{ background-color:#5B94A4 }
```

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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