

Converting Colors

Hex(5DA9B9)

Have a look what the booklet for
Hex(5DA9B9) contains.

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Color

Hex(5DA9B9)

Conversions

Conversions Part 1

Format	Color
Hex	5DA9B9
RGB	93, 169, 185
RGB Percent	36%, 66%, 73%
CMY	0.6353, 0.3373, 0.2745
CMYK	0.50, 0.09, 0.00, 0.27
HSL	190°, 40%, 55%
HSV	190°, 50%, 73%
XYZ	27.4591, 34.2059, 51.0541
YIQ	148.1000, -50.4320, -11.1360

Conversions

Conversions Part 2

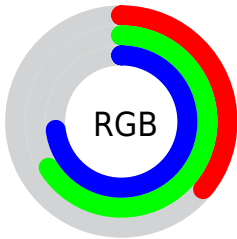
Format	Color
RYB	93, 135, 185
Decimal	6138297
CIELab	65.13, -19.14, -15.51
CIElCh	65, 24.635, 219.006
Yxy	34.2059, 0.2436, 0.3035
Android (android.graphics.Color)	4284328377 (0xFF5DA9B9)
YUV	148.1000, 18.1917, -48.3227
Hunter-Lab	58.4858, -18.5442, -10.8161

Details

The Hex color **5DA9B9** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B96D5D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **95E0F1**, and **207584** is the 20% darker color. If you saturate the color by 10%, you get **4AA6B9**, and if you desaturate by 10%, it is **6FACB9**.

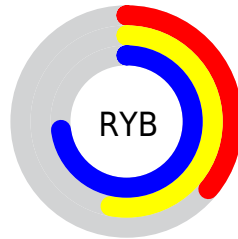
Distribution



Red (36%)

Green (66%)

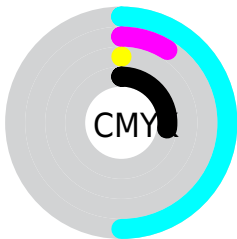
Blue (73%)



Red (36%)

Yellow (53%)

Blue (73%)

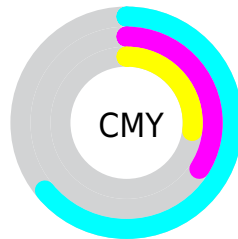


Cyan (50%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (64%)

Magenta (34%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DA9B9 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 5DA9B9 by changing the saturation by 10% instead.

 5DA9B9

 5DA9B9

FFFFFF

 408E9E

 95E0F1

 207584

 B1FDFF

 005C6B

 CEFFFF

 004452

 ECFFFF

 002E3B

 001B26

 000110

 000000

 5DA9B9

 5DA9B9

■ 4AA6B9

■ 6FACB9

■ 38A3B9

■ 82AFB9

■ 259FB9

■ 95B3B9

■ 139CB9

■ A7B6B9

■ 0099B9

■ BAB9B9

■ CCBCB9

■ DEC0B9

■ F1C3B9

■ FFC6B9

Harmonies

Analogous

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



62ABA4



5DA9B9



6EA5C7

Triad

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



5DA9B9



C090AE



A79F72

Complementary

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



5DA9B9



B96D5D

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.



BC9775



5DA9B9



CA8E98

Square

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



5DA9B9



AA96C0



C89183



8FA57B

Rectangle

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



5DA9B9



82A0CA



C89183



AF9C72

Sweetspot

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



5DA9B9



CCE9F0



5DB96C



627478



F7F7F7



787878

Same Dimension

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



5DA9B9



60D7F0



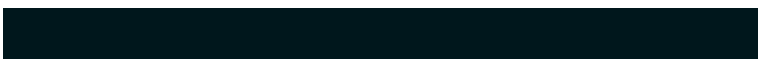
5D7CB9



535A5C



00809C



00171C

Inverse Universe

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



B95DA9



F060D7



B99A5D



5C535A



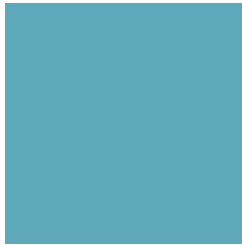
9C0080



1C0017

Previews

White Background



This preview shows how the Hex color 5DA9B9 looks on a white background.

Color Contrast Check

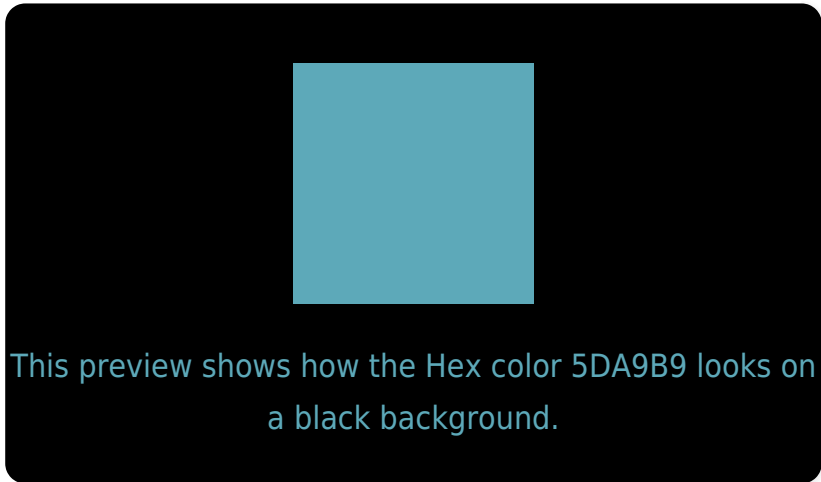
Large Text (above 18pt) WCAG AA × Fail

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

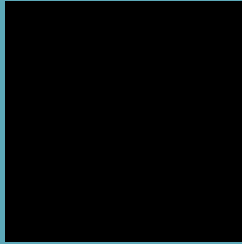
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 5DA9B9 Background



This preview shows how black text looks on a background with the Hex color 5DA9B9.

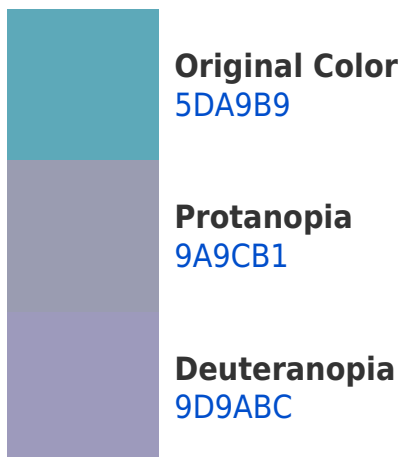


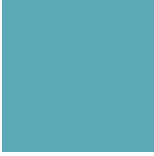
This preview shows how white text looks on a background with the Hex color 5DA9B9.

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](#).

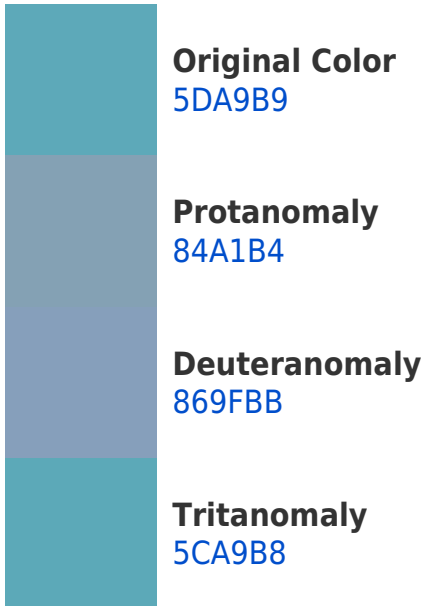
Dichromacy





Tritanopia
5CA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DA9B9 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 #5DA9B9 looks like.

```
.text, #text, p{  
    color:#5DA9B9  
}
```

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 #5DA9B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DA9B9
}
```

Border

The CSS property to change the border of an element to Hex 5DA9B9 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
#5DA9B9 }
```

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

```
.border{ border-color:#5DA9B9 }
```

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

Here you see how a box with a 4 pixel #5DA9B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DA9B9; -webkit-box-shadow:4px 4px  
4px 4px #5DA9B9; box-shadow:4px 4px 4px  
4px #5DA9B9 }
```

Background

The CSS property to change the background color of an element to Hex 5DA9B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DA9B9 }
```

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

```
.background{ background-color:#5DA9B9 }
```

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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