

# Converting Colors

Hex(5DAFB9)

Have a look what the booklet for  
Hex(5DAFB9) contains.

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# Color

**Hex(5DAFB9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DAFB9
RGB	93, 175, 185
RGB Percent	36%, 69%, 73%
CMY	0.6353, 0.3137, 0.2745
CMYK	0.50, 0.05, 0.00, 0.27
HSL	187°, 40%, 55%
HSV	187°, 50%, 73%
XYZ	28.6011, 36.4899, 51.4348
YIQ	151.6220, -52.0820, -14.2740

# Conversions

## Conversions Part 2

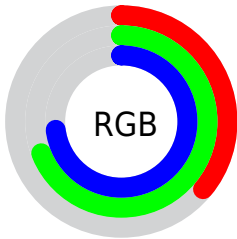
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 136, 185
Decimal	6139833
CIELab	66.89, -22.24, -12.84
CIELCh	67, 25.681, 210.009
Yxy	36.4899, 0.2454, 0.3131
Android (android.graphics.Color)	4284329913 (0xFF5DAFB9)
YUV	151.6220, 16.4554, -51.4115
Hunter-Lab	60.4069, -21.1967, -8.1990

# Details

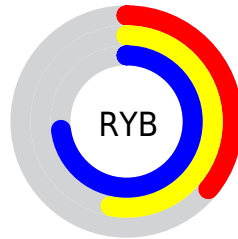
The Hex color **5DAFB9** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B9675D**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **95E7F1**, and **1F7A84** is the 20% darker color. If you saturate the color by 10%, you get **4AADB9**, and if you desaturate by 10%, it is **6FB1B9**.

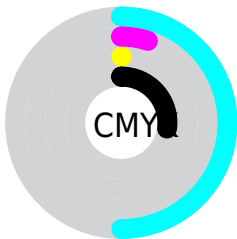
# Distribution



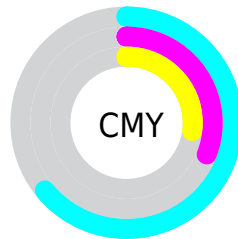
- Red (36%)
- Green (69%)
- Blue (73%)



- Red (36%)
- Yellow (53%)
- Blue (73%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (64%)
- Magenta (31%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DAFB9 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 5DAFB9 by changing the saturation by 10% instead.



 5DAFB9

 5DAFB9

FFFFFF

 40949E

 95E7F1

 1F7A84

 B2FFFF

 00616B

 CFFFFF

 004953

 ECFFFF

 00323C

 001F26

 000111

 000000

 5DAFB9

 5DAFB9

■ 4AADB9

■ 6FB1B9

■ 38ABB9

■ 82B3B9

■ 25A9B9

■ 95B5B9

■ 13A7B9

■ A7B7B9

■ 00A5B9

■ BAB9B9

■ CCBBB9

■ DEBDB9

■ F1BFB9

■ FFC1B9

# Harmonies

## Analogous

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



68B0A2



5DAFB9



69ABCA

# Triad

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



5DAFB9



C096BA



B4A175

# Complementary

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



5DAFB9



B9675D

# 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.



C7997C



5DAFB9



CF92A4

# Square

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



5DAFB9



A69DCB



D1948D



9BA87A

# Rectangle

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



5DAFB9



7BA7D0



D1948D



BB9F76



# Sweetspot

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



5DAFB9



CCECF0



5DB966



627678



F7F7F7



787878



# Same Dimension

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



5DAFB9



60E0F0



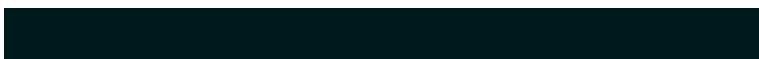
5D82B9



535B5C



008B9C



00191C



# Inverse Universe

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



B95DAF



F060E0



B9945D



5C535B



9C008B

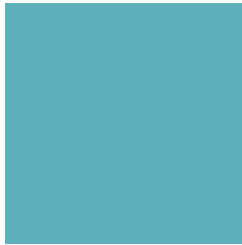


1C0019



# Previews

## White Background



This preview shows how the Hex color 5DAFB9 looks on a white background.

## Color Contrast Check

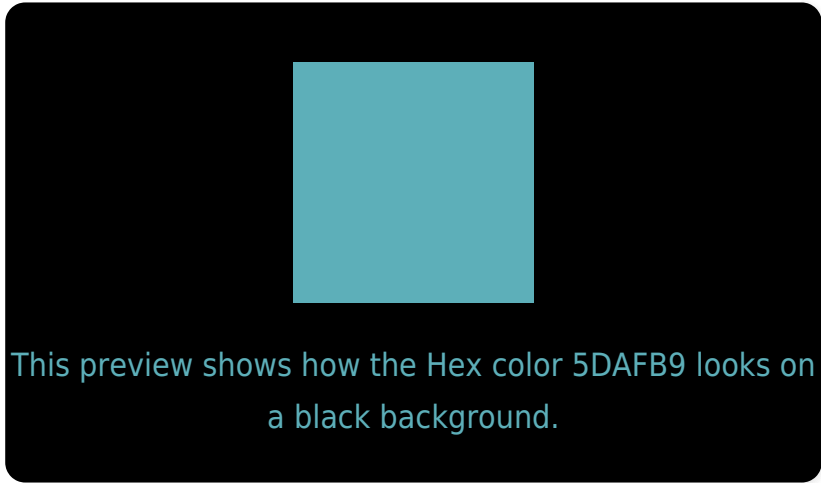
Large Text (above 18pt) WCAG AA × Fail

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

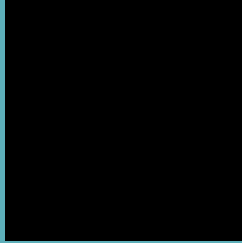
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DAFB9 Background



This preview shows how black text looks on a background with the Hex color 5DAFB9.

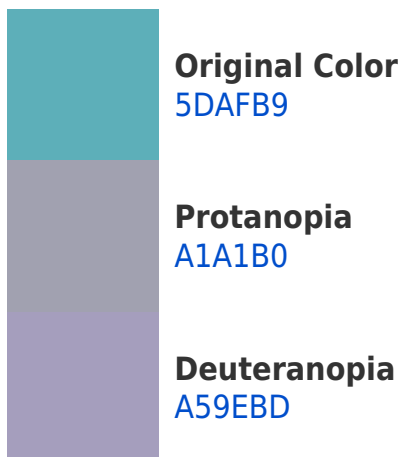


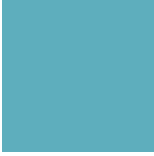
This preview shows how white text looks on a background with the Hex color 5DAFB9.

# Color Blindness Simulation

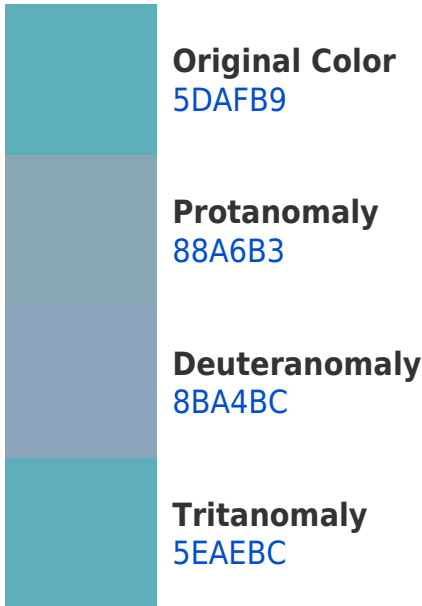
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

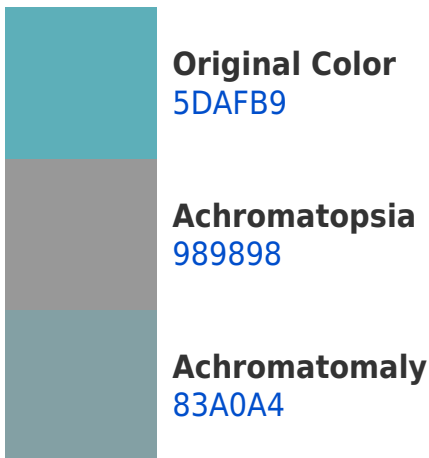




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DAFB9 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 #5DAFB9 looks like.

```
.text, #text, p{  
    color:#5DAFB9  
}
```

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 #5DAFB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DAFB9
}
```

## Border

The CSS property to change the border of an element to Hex 5DAFB9 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
#5DAFB9 }
```

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

```
.border{ border-color:#5DAFB9 }
```

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

Here you see how a box with a 4 pixel #5DAFB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DAFB9; -webkit-box-shadow:4px 4px  
4px 4px #5DAFB9; box-shadow:4px 4px 4px  
4px #5DAFB9 }
```

# Background

The CSS property to change the background color of an element to Hex 5DAFB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DAFB9 }
```

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

```
.background{ background-color:#5DAFB9 }
```

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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