

# Converting Colors

Hex(79AFB9)

Have a look what the booklet for  
Hex(79AFB9) contains.

<b>Hex(79AFB9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(79AFB9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79AFB9
RGB	121, 175, 185
RGB Percent	47%, 69%, 73%
CMY	0.5255, 0.3137, 0.2745
CMYK	0.35, 0.05, 0.00, 0.27
HSL	189°, 31%, 60%
HSV	189°, 35%, 73%
XYZ	31.9721, 38.2277, 51.5925
YIQ	159.9940, -35.3940, -8.3380

# Conversions

## Conversions Part 2

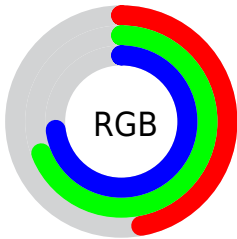
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 150, 185
Decimal	7974841
CIELab	68.19, -15.15, -10.77
CIELCh	68, 18.584, 215.416
Yxy	38.2277, 0.2625, 0.3139
Android (android.graphics.Color)	4286164921 (0xFF79AFB9)
YUV	159.9940, 12.3280, -34.1977
Hunter-Lab	61.8285, -15.8960, -6.1943

# Details

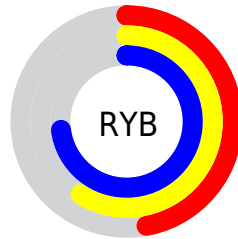
The Hex color **79AFB9** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B98379**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **AFE7F1**, and **457A84** is the 20% darker color. If you saturate the color by 10%, you get **67ACB9**, and if you desaturate by 10%, it is **8BB2B9**.

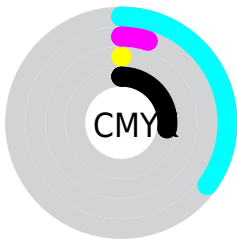
# Distribution



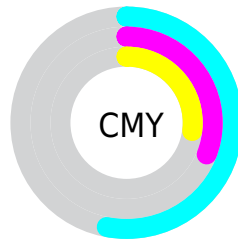
- Red (47%)
- Green (69%)
- Blue (73%)



- Red (47%)
- Yellow (59%)
- Blue (73%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (53%)
- Magenta (31%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79AFB9 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 79AFB9 by changing the saturation by 10% instead.



 79AFB9

 79AFB9

FFFFFF

 5F949E

 AFE7F1

 457A84

 CCFFFF

 2A616B

 E8FFFF

 0B4A53

 00333C

 001E26

 000111

 000000

 79AFB9

 79AFB9

67ACB9

8BB2B9

54A9B9

9EB5B9

41A6B9

B1B8B9

2FA3B9

C3BBB9

1CA1B9

D5BDB9

0A9EB9

E8C0B9

009CB9

FBC3B9

FFC6B9

FFC9B9

# Harmonies

## Analogous

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



7DB0A9



79AFB9



83ACC4

# Triad

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



79AFB9



BF9CB5



B0A685

# Complementary

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



79AFB9



B98379

# 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.



BFA188



79AFB9



C89AA4

# Square

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



79AFB9



ADA1C2



C89C94



9DAB8B

# Rectangle

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



79AFB9



90A8C7



C89C94



B6A485



# Sweetspot

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



79AFB9



D8ECF0



79B983



697678



F7F7F7



787878



# Same Dimension

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



79AFB9



8BE0F0



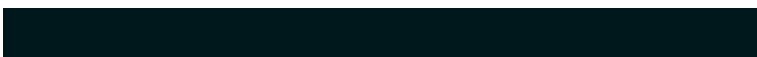
798FB9



535A5C



00839C



00181C



# Inverse Universe

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



B979AF



F08BE0



B9A379



5C535A



9C0083

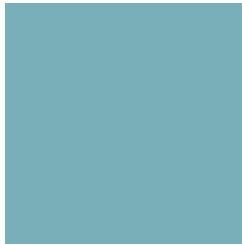


1C0018



# Previews

## White Background



This preview shows how the Hex color 79AFB9 looks on a white background.

## Color Contrast Check

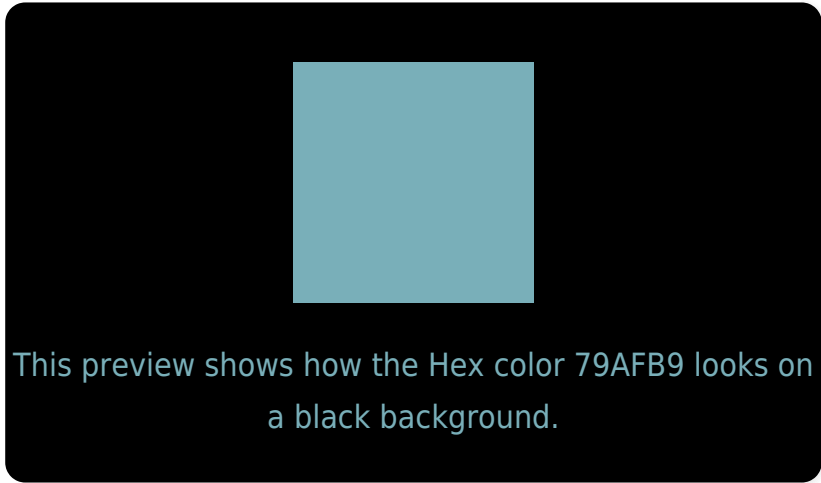
Large Text (above 18pt) WCAG AA × Fail

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

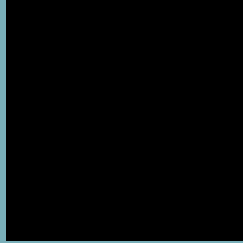
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79AFB9 Background



This preview shows how black text looks on a background with the Hex color 79AFB9.

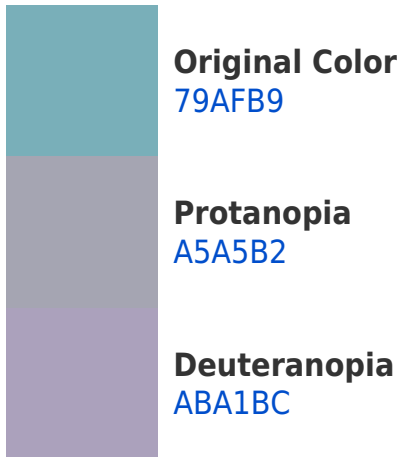


This preview shows how white text looks on a background with the Hex color 79AFB9.

# Color Blindness Simulation

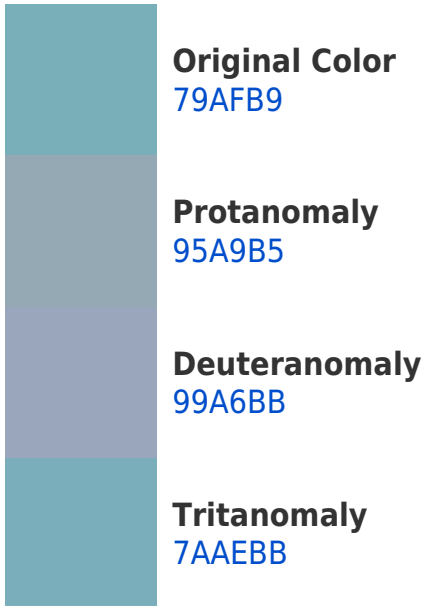
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

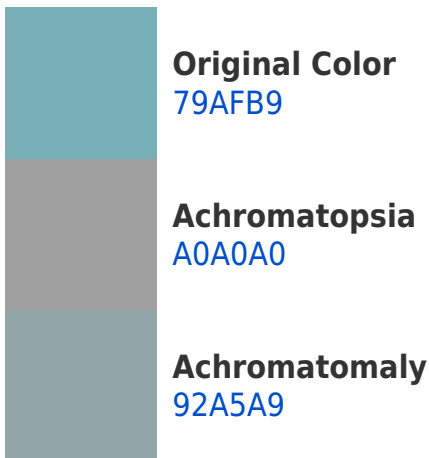




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79AFB9 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 #79AFB9 looks like.

```
.text, #text, p{  
    color:#79AFB9  
}
```

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 #79AFB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79AFB9
}
```

## Border

The CSS property to change the border of an element to Hex 79AFB9 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
#79AFB9 }
```

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

```
.border{ border-color:#79AFB9 }
```

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

Here you see how a box with a 4 pixel #79AFB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79AFB9; -webkit-box-shadow:4px 4px  
4px 4px #79AFB9; box-shadow:4px 4px 4px  
4px #79AFB9 }
```

# Background

The CSS property to change the background color of an element to Hex 79AFB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79AFB9 }
```

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

```
.background{ background-color:#79AFB9 }
```

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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