

# Converting Colors

Hex(79B5B4)

Have a look what the booklet for  
Hex(79B5B4) contains.

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**Color**

**Hex(79B5B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79B5B4
RGB	121, 181, 180
RGB Percent	47%, 71%, 71%
CMY	0.5255, 0.2902, 0.2941
CMYK	0.33, 0.00, 0.01, 0.29
HSL	179°, 29%, 59%
HSV	179°, 33%, 71%
XYZ	32.6472, 40.4080, 49.2588
YIQ	162.9460, -35.4390, -13.0310

# Conversions

## Conversions Part 2

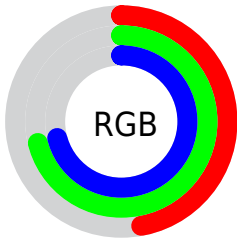
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 151, 181
Decimal	7976372
CIELab	69.76, -19.49, -5.67
CIELCh	70, 20.296, 196.233
Yxy	40.4080, 0.2669, 0.3304
Android (android.graphics.Color)	4286166452 (0xFF79B5B4)
YUV	162.9460, 8.4076, -36.7866
Hunter-Lab	63.5673, -19.5677, -1.4473

# Details

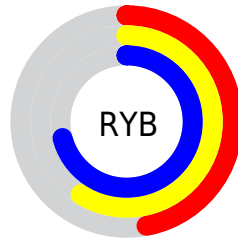
The Hex color **79B5B4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B5797A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B0EDEC**, and **44807F** is the 20% darker color. If you saturate the color by 10%, you get **67B5B4**, and if you desaturate by 10%, it is **8BB5B4**.

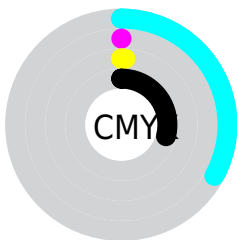
# Distribution



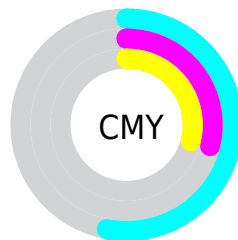
- Red (47%)
- Green (71%)
- Blue (71%)



- Red (47%)
- Yellow (59%)
- Blue (71%)



- Cyan (33%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (53%)
- Magenta (29%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79B5B4 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 79B5B4 by changing the saturation by 10% instead.





79B5B4



79B5B4

FFFFFF



5F9A99



B0EDEC



44807F



CCFFFF



2A6766



E8FFFF



0A4F4E



003738



002222



00010D



000000



79B5B4



79B5B4

67B5B4

8BB5B4

55B5B3

9DB5B5

43B5B3

AFB5B5

31B5B3

C1B5B5

1FB5B2

D4B5B6

0CB5B2

E6B5B6

00B5B2

F8B5B6

FFB5B6

FFB5B7

# Harmonies

## Analogous

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



85B4A1



79B5B4



7AB3C4

# Triad

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



79B5B4



BAA3C4



C0A687

# Complementary

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



79B5B4



B5797A

# 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.



CDA191



79B5B4



CA9EB4

# Square

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



79B5B4



A2A9CE



D19EA1



AEAC87

# Rectangle

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



79B5B4



84B0CC



D19EA1



C5A489



# Sweetspot

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



79B5B4



D3EBEA



7AB579



677575



F5F5F5



757575



# Same Dimension

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



79B5B4



8DEBE9



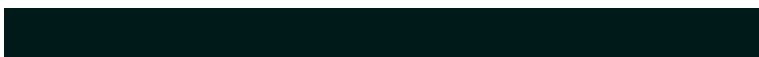
7998B5



505959



009996



001A19



# Inverse Universe

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



B5797A



EB8D8E



B59679



595050



990003

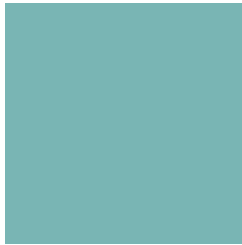


1A0000



# Previews

## White Background



This preview shows how the Hex color 79B5B4 looks on a white background.

## Color Contrast Check

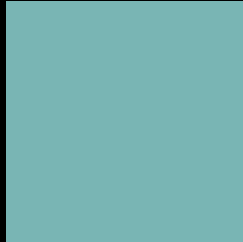
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 79B5B4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

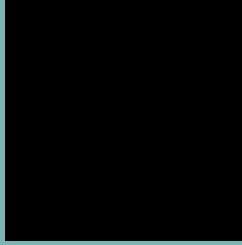
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79B5B4 Background



This preview shows how black text looks on a background with the Hex color 79B5B4.

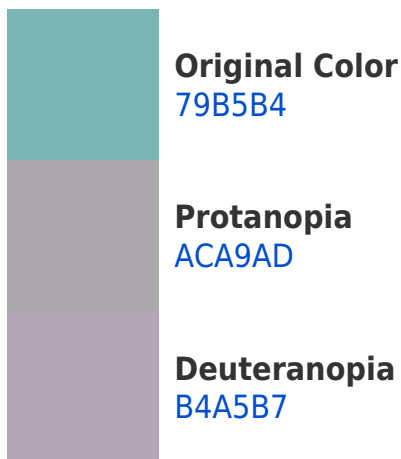


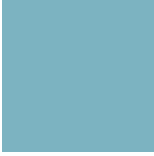
This preview shows how white text looks on a background with the Hex color 79B5B4.

# 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](#).

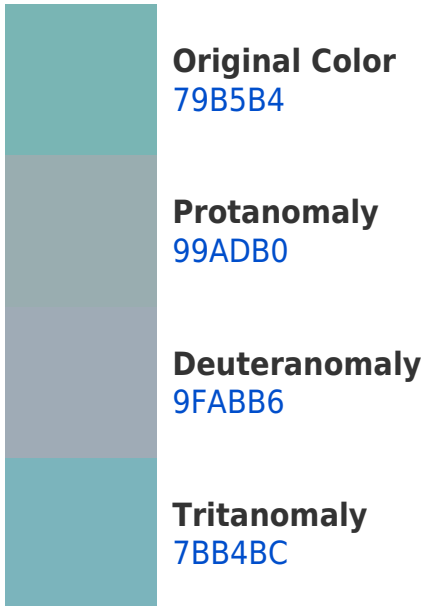
## Dichromacy



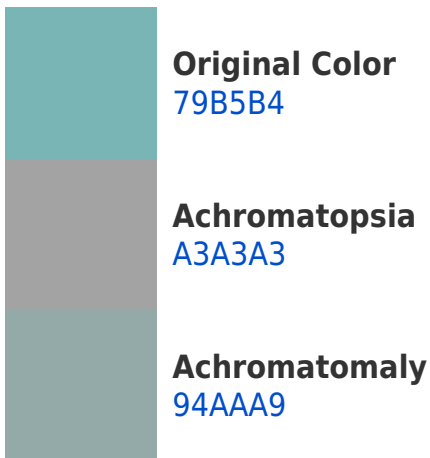


**Tritanopia**  
7CB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79B5B4 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 #79B5B4 looks like.

```
.text, #text, p{  
    color:#79B5B4  
}
```

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 #79B5B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79B5B4
}
```

## Border

The CSS property to change the border of an element to Hex 79B5B4 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
#79B5B4 }
```

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

```
.border{ border-color:#79B5B4 }
```

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

Here you see how a box with a 4 pixel #79B5B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79B5B4; -webkit-box-shadow:4px 4px  
4px 4px #79B5B4; box-shadow:4px 4px 4px  
4px #79B5B4 }
```

# Background

The CSS property to change the background color of an element to Hex 79B5B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79B5B4 }
```

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

```
.background{ background-color:#79B5B4 }
```

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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