

# Converting Colors

Hex(4CD79F)

Have a look what the booklet for  
Hex(4CD79F) contains.

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# Color

**Hex(4CD79F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CD79F
RGB	76, 215, 159
RGB Percent	30%, 84%, 62%
CMY	0.7020, 0.1569, 0.3765
CMYK	0.65, 0.00, 0.26, 0.16
HSL	156°, 63%, 57%
HSV	156°, 65%, 84%
XYZ	33.5389, 52.6406, 41.1939
YIQ	167.0550, -64.8680, -46.8840

# Conversions

## Conversions Part 2

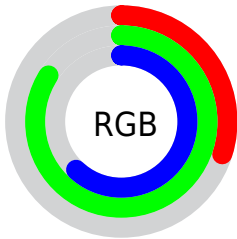
Format	Color
<a href="#">RYB</a>	<a href="#">76, 163, 215</a>
Decimal	<a href="#">5035935</a>
CIELab	<a href="#">77.66, -50.39, 16.84</a>
CIELCh	<a href="#">78, 53.131, 161.526</a>
Yxy	<a href="#">52.6406, 0.2633, 0.4133</a>
Android (android.graphics.Color)	<a href="#">4283226015 (0xFF4CD79F)</a>
YUV	<a href="#">167.0550, -3.9711, -79.8552</a>
Hunter-Lab	<a href="#">72.5538, -44.4553, 17.1246</a>

# Details

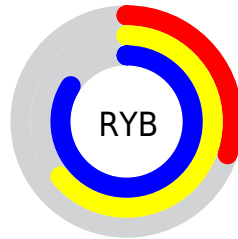
The Hex color **4CD79F** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D74C84**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **8AFFD6**, and **009F6B** is the 20% darker color. If you saturate the color by 10%, you get **36D796**, and if you desaturate by 10%, it is **61D7A8**.

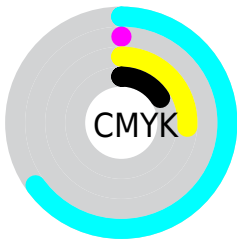
# Distribution



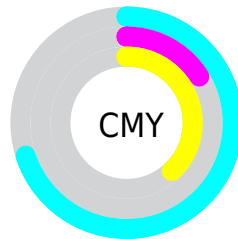
- Red (30%)
- Green (84%)
- Blue (62%)



- Red (30%)
- Yellow (64%)
- Blue (84%)



- Cyan (65%)
- Magenta (0%)
- Yellow (26%)
- Black (16%)



- Cyan (70%)
- Magenta (16%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CD79F 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 4CD79F by changing the saturation by 10% instead.





4CD79F



4CD79F

FFFFFF



25BB85



8AFFD6



009F6B



A8FFF2



008453



C6FFFF



006A3C



E5FFFF



005126



003811



002200



000000



4CD79F



4CD79F

 36D796

 61D7A8

 21D78E

 77D7B0

 0BD785

 8CD7B9

 00D780

 A2D7C2

 B8D7CA

 CDD7D3

 E3D7DC

 F8D7E4

 FFD7ED

# Harmonies

## Analogous

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



95D074



4CD79F



00D9D2

# Triad

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



4CD79F



91BFFF



FFA181

# Complementary

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



4CD79F



D74C84

# 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.



FF97AF



4CD79F



DDACFF

# Square

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



4CD79F



00CEFF



FF9BE0



F7B262

# Rectangle

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



4CD79F



00D8F2



FF9BE0



FF9C8F

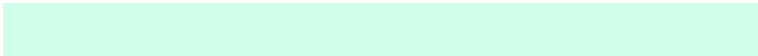


# Sweetspot

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



4CD79F



CFFFEB



86D74C



628074



000000



808080



# Same Dimension

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



4CD79F



38FFAF



4CCBD7



606B67



00AB66



002B1A



# Inverse Universe

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



D74C84



FF3888



D7584C



6B6065



AB0045

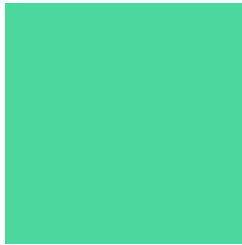


2B0011



# Previews

## White Background



This preview shows how the Hex color 4CD79F looks on a white background.

## Color Contrast Check

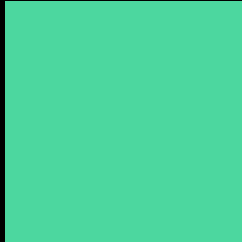
Large Text (above 18pt) WCAG AA × Fail

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 4CD79F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

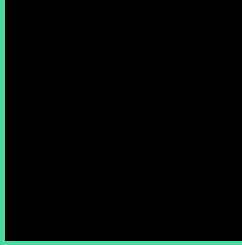
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CD79F Background



This preview shows how black text looks on a background with the Hex color 4CD79F.

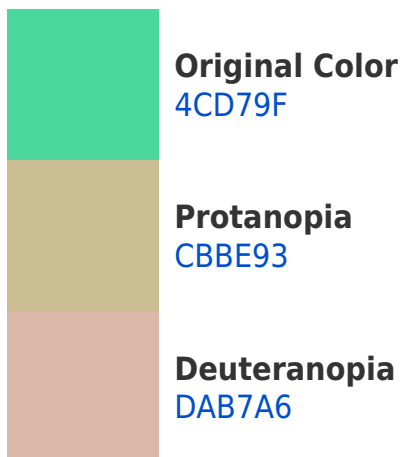


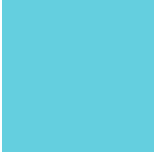
This preview shows how white text looks on a background with the Hex color 4CD79F.

# 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**  
64CFDF

# Trichromacy



**Original Color**  
4CD79F



**Protanomaly**  
9DC797



**Deuteranomaly**  
A6C3A3

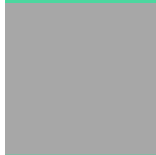


**Tritanomaly**  
5BD2C8

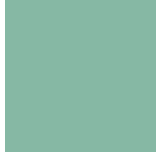
# Monochromacy



**Original Color**  
4CD79F



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
86B8A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CD79F 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 #4CD79F looks like.

```
.text, #text, p{  
    color:#4CD79F  
}
```

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 #4CD79F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CD79F
}
```

## Border

The CSS property to change the border of an element to Hex 4CD79F 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
#4CD79F }
```

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

```
.border{ border-color:#4CD79F }
```

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

Here you see how a box with a 4 pixel #4CD79F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CD79F; -webkit-box-shadow:4px 4px  
4px 4px #4CD79F; box-shadow:4px 4px 4px  
4px #4CD79F }
```

# Background

The CSS property to change the background color of an element to Hex 4CD79F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CD79F }
```

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

```
.background{ background-color:#4CD79F }
```

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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