

# Converting Colors

Hex(4AF79C)

Have a look what the booklet for  
Hex(4AF79C) contains.

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# Color

Hex(4AF79C)

# Conversions

## Conversions Part 1

Format	Color
Hex	4AF79C
RGB	74, 247, 156
RGB Percent	29%, 97%, 61%
CMY	0.7098, 0.0314, 0.3882
CMYK	0.70, 0.00, 0.37, 0.03
HSL	148°, 92%, 63%
HSV	148°, 70%, 97%
XYZ	42.0856, 70.3777, 42.8186
YIQ	184.8990, -73.8970, -64.9770

# Conversions

## Conversions Part 2

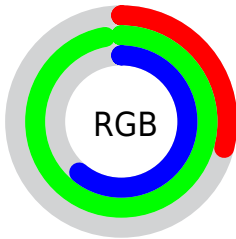
Format	Color
<a href="#">RYB</a>	<a href="#">74, 191, 247</a>
Decimal	<a href="#">4913052</a>
CIELab	<a href="#">87.18, -63.65, 31.37</a>
CIELCh	<a href="#">87, 70.964, 153.763</a>
Yxy	<a href="#">70.3777, 0.2710, 0.4532</a>
Android (android.graphics.Color)	<a href="#">4283103132 (0xFF4AF79C)</a>
YUV	<a href="#">184.8990, -14.2472, -97.2584</a>
Hunter-Lab	<a href="#">83.8914, -57.2624, 28.4621</a>

# Details

The Hex color **4AF79C** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **F74AA5**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **8EFFD3**, and **00BD68** is the 20% darker color. If you saturate the color by 10%, you get **31F78F**, and if you desaturate by 10%, it is **63F7A9**.

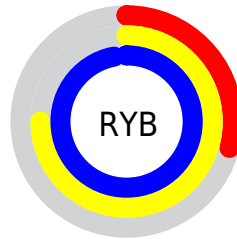
# Distribution



Red (29%)

Green (97%)

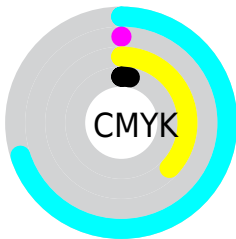
Blue (61%)



Red (29%)

Yellow (75%)

Blue (97%)

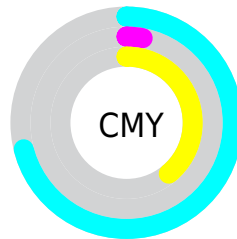


Cyan (70%)

Magenta (0%)

Yellow (37%)

Black (3%)



Cyan (71%)

Magenta (3%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AF79C 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 4AF79C by changing the saturation by 10% instead.



 4AF79C

FFFFFF

 8EFFD3

 AEFFF0

 CDFFFF

 ECFFFF

 4AF79C

 16DA82

 00BD68

 00A14F

 008637

 006C1F

 005206

 003900

 002100

 000000

 4AF79C

 4AF79C


 31F78F

 63F7A9

 19F782

 7BF7B6

 00F775

 94F7C3

 ADF7D0

 C5F7DD

 DEF7EA

 F7F7F7

 FFF7FF

# Harmonies

## Analogous

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



B2EC64



4AF79C



00FCE1

# Triad

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



4AF79C



5DDFFF



FFA893

# Complementary

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



4AF79C



F74AA5

# 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.



FF9ED5



4AF79C



E9C5FF

# Square

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



4AF79C



00F1FF



FFAAFF



FFC160

# Rectangle

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



4AF79C



00FBFF



FFAAFF



FFA2A8

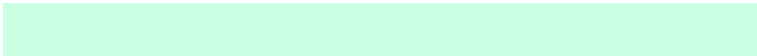


# Sweetspot

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



4AF79C



C9FFE3



A6F74A



60806F



000000



808080



# Same Dimension

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



4AF79C



29FF8E



4AF7F1



6E7A74



00BA58



003B1C



# Inverse Universe

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



F74AA5



FF2999



F74A50



7A6E75



BA0062

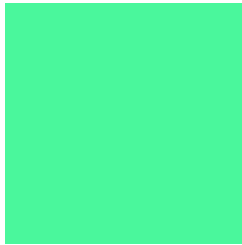


3B001F



# Previews

## White Background



This preview shows how the Hex color 4AF79C 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 4AF79C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

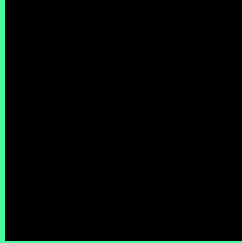
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4AF79C Background



This preview shows how black text looks on a background with the Hex color 4AF79C.

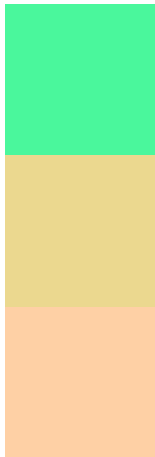


This preview shows how white text looks on a background with the Hex color 4AF79C.

# 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](#).

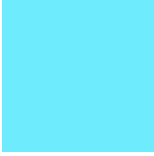
## Dichromacy



**Original Color**  
4AF79C

**Protanopia**  
EBD88F

**Deuteranopia**  
FED0A5



**Tritanopia**  
6FEBFE

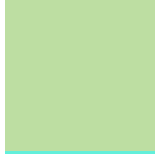
# Trichromacy



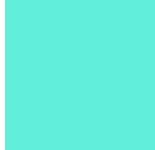
**Original Color**  
4AF79C



**Protanomaly**  
B0E394



**Deuteranomaly**  
BDDEA2

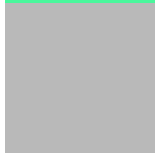


**Tritanomaly**  
62EFDA

# Monochromacy



**Original Color**  
4AF79C



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
91D0AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AF79C 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 #4AF79C looks like.

```
.text, #text, p{  
  color:#4AF79C  
}
```

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 #4AF79C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AF79C
}
```

## Border

The CSS property to change the border of an element to Hex 4AF79C 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
#4AF79C }
```

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

```
.border{ border-color:#4AF79C }
```

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

Here you see how a box with a 4 pixel #4AF79C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AF79C; -webkit-box-shadow:4px 4px  
4px 4px #4AF79C; box-shadow:4px 4px 4px  
4px #4AF79C }
```

# Background

The CSS property to change the background color of an element to Hex 4AF79C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AF79C }
```

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

```
.background{ background-color:#4AF79C }
```

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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