

# Converting Colors

Hex(4AF8A4)

Have a look what the booklet for  
Hex(4AF8A4) contains.

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# Color

**Hex(4AF8A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AF8A4
RGB	74, 248, 164
RGB Percent	29%, 97%, 64%
CMY	0.7098, 0.0275, 0.3569
CMYK	0.70, 0.00, 0.34, 0.03
HSL	151°, 93%, 63%
HSV	151°, 70%, 97%
XYZ	43.0923, 71.2710, 46.6074
YIQ	186.3980, -76.7400, -63.0120

# Conversions

## Conversions Part 2

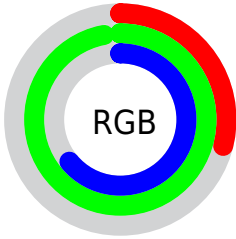
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 189, 248
Decimal	4913316
CIELab	87.62, -62.51, 27.92
CIELCh	88, 68.464, 155.932
Yxy	71.2710, 0.2677, 0.4428
Android (android.graphics.Color)	4283103396 (0xFF4AF8A4)
YUV	186.3980, -11.0422, -98.5730
Hunter-Lab	84.4221, -56.6255, 26.3629

# Details

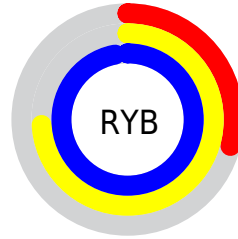
The Hex color **4AF8A4** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **F84A9E**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **8EFFDB**, and **00BE70** is the 20% darker color. If you saturate the color by 10%, you get **31F898**, and if you desaturate by 10%, it is **63F8B0**.

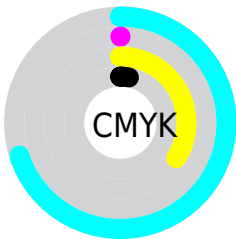
# Distribution



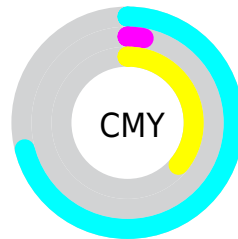
- Red (29%)
- Green (97%)
- Blue (64%)



- Red (29%)
- Yellow (74%)
- Blue (97%)



- Cyan (70%)
- Magenta (0%)
- Yellow (34%)
- Black (3%)



- Cyan (71%)
- Magenta (3%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AF8A4 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 4AF8A4 by changing the saturation by 10% instead.



 4AF8A4

 4AF8A4

FFFFFF

 15DB89

 8EFFDB

 00BE70

 AEFFF8

 00A257

 CDFFFF

 00873F

 ECFFFF

 006D27

 005310

 003A00

 002200

 000000

 4AF8A4

 4AF8A4

 31F898

 63F8B0

 18F88C

 7CF8BC

 00F880

 94F8C8

 ADF8D4

 C6F8E0

 DFF8EC

 F8F8F8

 FFF8FF

# Harmonies

## Analogous

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



B0EE6D



4AF8A4



00FCE7

# Triad

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



4AF8A4



78DEFF



FFAD93

# Complementary

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



4AF8A4



F84A9E

# 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.



FFA2D1



4AF8A4



F1C5FF

# Square

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



4AF8A4



00F0FF



FFACFF



FFC563

# Rectangle

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



4AF8A4



00FBFF



FFACFF



FFA7A6

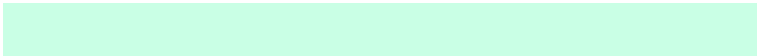


# Sweetspot

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



4AF8A4



C9FFE5



9EF84A



608070



000000



808080



# Same Dimension

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



4AF8A4



29FF98



4AF5F8



707D77



00BD62



003D20



# Inverse Universe

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



F84A9E



FF2990



F84D4A



7D7076



BD005B

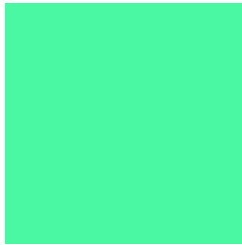


3D001E



# Previews

## White Background



This preview shows how the Hex color 4AF8A4 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 4AF8A4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

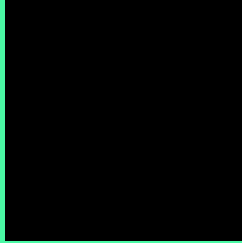
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4AF8A4 Background



This preview shows how black text looks on a background with the Hex color 4AF8A4.

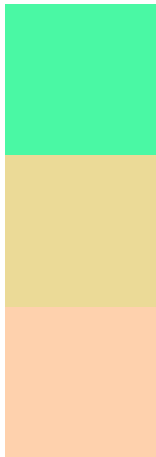


This preview shows how white text looks on a background with the Hex color 4AF8A4.

# 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](#).

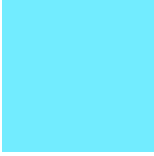
## Dichromacy



**Original Color**  
4AF8A4

**Protanopia**  
EBDA97

**Deuteranopia**  
FED1AD



**Tritanopia**  
72ECFF

# Trichromacy



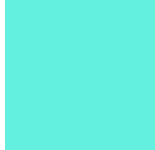
**Original Color**  
4AF8A4



**Protanomaly**  
B0E59C



**Deuteranomaly**  
BDDFAA

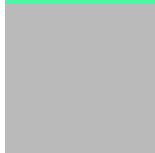


**Tritanomaly**  
63F0DE

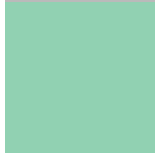
# Monochromacy



**Original Color**  
4AF8A4



**Achromatopsia**  
BABABA



**Achromatomaly**  
91D1B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AF8A4 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 #4AF8A4 looks like.

```
.text, #text, p{  
    color:#4AF8A4  
}
```

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 #4AF8A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AF8A4
}
```

## Border

The CSS property to change the border of an element to Hex 4AF8A4 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
#4AF8A4 }
```

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

```
.border{ border-color:#4AF8A4 }
```

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

Here you see how a box with a 4 pixel #4AF8A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AF8A4; -webkit-box-shadow:4px 4px  
4px 4px #4AF8A4; box-shadow:4px 4px 4px  
4px #4AF8A4 }
```

# Background

The CSS property to change the background color of an element to Hex 4AF8A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AF8A4 }
```

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

```
.background{ background-color:#4AF8A4 }
```

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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