

# Converting Colors

Hex(4FF69E)

Have a look what the booklet for  
Hex(4FF69E) contains.

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**Color**

**Hex(4FF69E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FF69E
RGB	79, 246, 158
RGB Percent	31%, 96%, 62%
CMY	0.6902, 0.0353, 0.3804
CMYK	0.68, 0.00, 0.36, 0.04
HSL	148°, 90%, 64%
HSV	148°, 68%, 96%
XYZ	42.3518, 70.0424, 43.6351
YIQ	186.0350, -71.2840, -62.7720

# Conversions

## Conversions Part 2

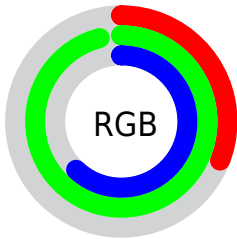
Format	Color
<a href="#">RYB</a>	<a href="#">79, 192, 246</a>
Decimal	<a href="#">5240478</a>
CIELab	<a href="#">87.02, -62.14, 30.16</a>
CIELCh	<a href="#">87, 69.077, 154.109</a>
Yxy	<a href="#">70.0424, 0.2714, 0.4489</a>
Android (android.graphics.Color)	<a href="#">4283430558 (0xFF4FF69E)</a>
YUV	<a href="#">186.0350, -13.8213, -93.8697</a>
Hunter-Lab	<a href="#">83.6914, -56.1304, 27.6712</a>

# Details

The Hex color **4FF69E** 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 **F64FA7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **92FFD5**, and **00BC6A** is the 20% darker color. If you saturate the color by 10%, you get **36F691**, and if you desaturate by 10%, it is **68F6AB**.

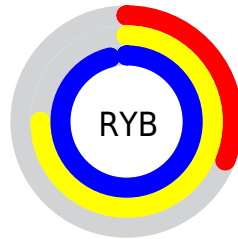
# Distribution



Red (31%)

Green (96%)

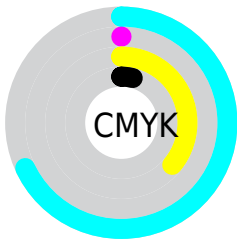
Blue (62%)



Red (31%)

Yellow (75%)

Blue (96%)

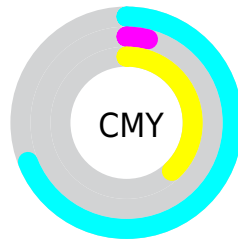


Cyan (68%)

Magenta (0%)

Yellow (36%)

Black (4%)



Cyan (69%)

Magenta (4%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FF69E 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 4FF69E by changing the saturation by 10% instead.



 4FF69E

 4FF69E

FFFFFF

 22D984

 92FFD5

 00BC6A

 B1FFF2

 00A151

 D0FFFF

 008539

 EFFFFFF

 006B21

 005109

 003900

 002000

 000000

 4FF69E

 4FF69E

 36F691

 68F6AB

 1EF684

 80F6B8

 05F677

 99F6C5

 00F674

 B1F6D2

 CAF6DF

 E3F6EC

 FBF6F9

 FFF6FF

# Harmonies

## Analogous

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



B2EB67



4FF69E



00FAE1

# Triad

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



4FF69E



67DEFF



FFAA94

# Complementary

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



4FF69E



F64FA7

# 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.



FF9FD3



4FF69E



E9C5FF

# Square

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



4FF69E



00F0FF



FFABFF



FFC263

# Rectangle

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



4FF69E



00FAFF



FFABFF



FFA4A8

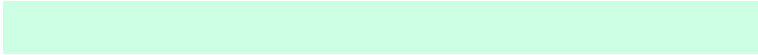


# Sweetspot

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



4FF69E



CCFFE4



A8F64F



61806F



000000



808080



# Same Dimension

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



4FF69E



30FF92



4FF6F0



6E7A74



00BA58



003B1C



# Inverse Universe

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



F64FA7



FF309D



F64F55



7A6E75



BA0062

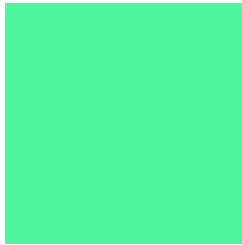


3B001F



# Previews

## White Background



This preview shows how the Hex color 4FF69E 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 4FF69E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

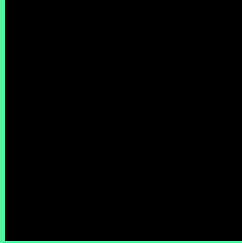
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FF69E Background



This preview shows how black text looks on a background with the Hex color 4FF69E.

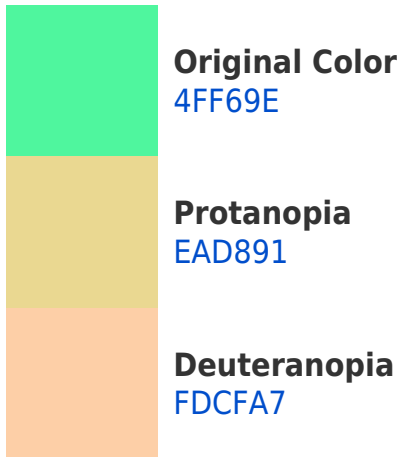


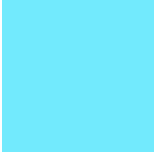
This preview shows how white text looks on a background with the Hex color 4FF69E.

# 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**  
72EAFD

# Trichromacy



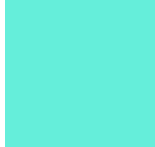
**Original Color**  
4FF69E



**Protanomaly**  
B2E396



**Deuteranomaly**  
BEDDA4



**Tritanomaly**  
65EEDA

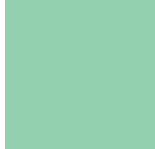
# Monochromacy



**Original Color**  
4FF69E



**Achromatopsia**  
BABABA



**Achromatomaly**  
93D0B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FF69E 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 #4FF69E looks like.

```
.text, #text, p{  
    color:#4FF69E  
}
```

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 #4FF69E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FF69E
}
```

## Border

The CSS property to change the border of an element to Hex 4FF69E 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
#4FF69E }
```

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

```
.border{ border-color:#4FF69E }
```

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

Here you see how a box with a 4 pixel #4FF69E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FF69E; -webkit-box-shadow:4px 4px  
4px 4px #4FF69E; box-shadow:4px 4px 4px  
4px #4FF69E }
```

# Background

The CSS property to change the background color of an element to Hex 4FF69E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FF69E }
```

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

```
.background{ background-color:#4FF69E }
```

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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