

Converting Colors

Hex(49F6A9)

Have a look what the booklet for
Hex(49F6A9) contains.

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Color

Hex(49F6A9)

Conversions

Conversions Part 1

Format	Color
Hex	49F6A9
RGB	73, 246, 169
RGB Percent	29%, 96%, 66%
CMY	0.7137, 0.0353, 0.3373
CMYK	0.70, 0.00, 0.31, 0.04
HSL	153°, 91%, 63%
HSV	153°, 70%, 96%
XYZ	42.8649, 70.1926, 48.8254
YIQ	185.4950, -78.3910, -60.6230

Conversions

Conversions Part 2

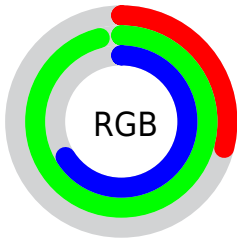
Format	Color
RYB	73, 184, 246
Decimal	4847273
CIELab	87.09, -60.92, 24.66
CIELCh	87, 65.726, 157.963
Yxy	70.1926, 0.2648, 0.4336
Android (android.graphics.Color)	4283037353 (0xFF49F6A9)
YUV	185.4950, -8.1320, -98.6581
Hunter-Lab	83.7810, -55.2909, 24.0940

Details

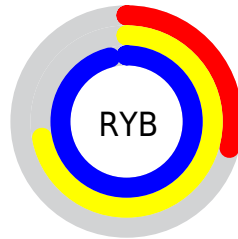
The Hex color **49F6A9** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **F64996**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **8DFFE1**, and **00BC74** is the 20% darker color. If you saturate the color by 10%, you get **30F69E**, and if you desaturate by 10%, it is **62F6B4**.

Distribution



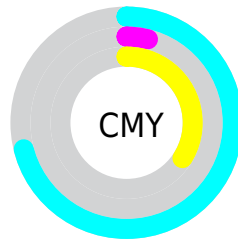
- Red (29%)
- Green (96%)
- Blue (66%)



- Red (29%)
- Yellow (72%)
- Blue (96%)



- Cyan (70%)
- Magenta (0%)
- Yellow (31%)
- Black (4%)



- Cyan (71%)
- Magenta (4%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49F6A9 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 49F6A9 by changing the saturation by 10% instead.

 49F6A9

 49F6A9

FFFFFF

 13D98E

 8DFFE1

 00BC74

 ADFFFD

 00A15B

 CCFFFF

 008543

 EBFFFF

 006B2C

 005116

 003900

 002000

 000000

 49F6A9

 49F6A9

 30F69E

 62F6B4

 18F693

 7AF6BF

 00F689

 93F6CA

 ABF6D5

 C4F6E0

 DDF6EB

 F5F6F6

 FFF6FF

Harmonies

Analogous

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



ABEC73



49F6A9



00F9E9

Triad

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



49F6A9



88DBFF



FFAF90

Complementary

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



49F6A9



F64996

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.



FFA4CC



49F6A9



F4C3FF

Square

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



49F6A9



00EDFF



FFACFF



FFC665

Rectangle

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



49F6A9



00F9FF



FFACFF



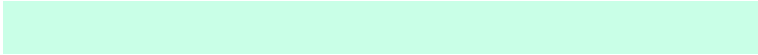
FFAAA3

Sweetspot

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



49F6A9



C9FFE7



97F649



608071



000000



808080

Same Dimension

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



49F6A9



29FFA0



49EDF6



6E7A75



00BA67



003B21

Inverse Universe

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



F64996



FF2988



F65249



7A6E74



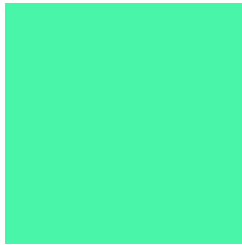
BA0053



3B001A

Previews

White Background



This preview shows how the Hex color 49F6A9 looks on a white background.

Color Contrast Check

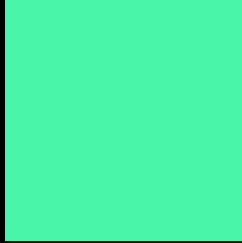
Large Text (above 18pt) WCAG AA × Fail

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 49F6A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

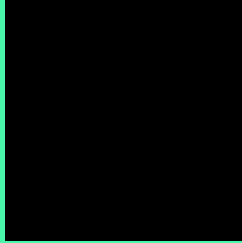
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

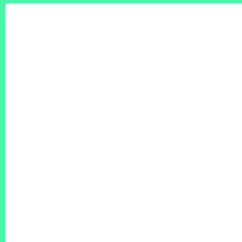
Any Text WCAG AAA ✓ Pass

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

Hex 49F6A9 Background



This preview shows how black text looks on a background with the Hex color 49F6A9.

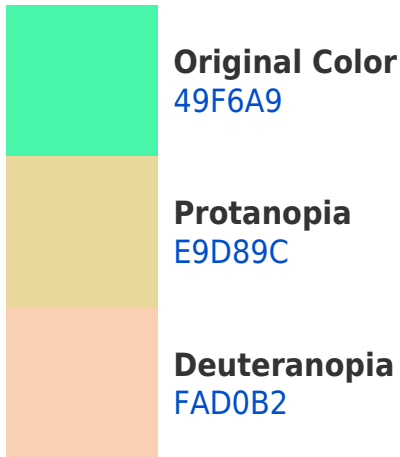


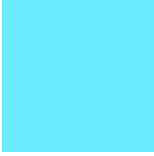
This preview shows how white text looks on a background with the Hex color 49F6A9.

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
6CEBFE

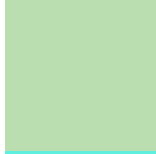
Trichromacy



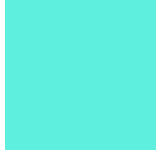
Original Color
49F6A9



Protanomaly
AFE3A1

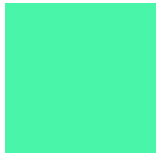


Deuteranomaly
BADEAF

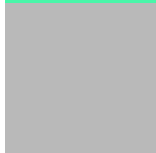


Tritanomaly
5FEFDF

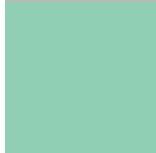
Monochromacy



Original Color
49F6A9



Achromatopsia
B9B9B9



Achromatomaly
90CFB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 49F6A9 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 #49F6A9 looks like.

```
.text, #text, p{  
    color:#49F6A9  
}
```

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 #49F6A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49F6A9
}
```

Border

The CSS property to change the border of an element to Hex 49F6A9 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
#49F6A9 }
```

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

```
.border{ border-color:#49F6A9 }
```

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

Here you see how a box with a 4 pixel #49F6A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49F6A9; -webkit-box-shadow:4px 4px  
4px 4px #49F6A9; box-shadow:4px 4px 4px  
4px #49F6A9 }
```

Background

The CSS property to change the background color of an element to Hex 49F6A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49F6A9 }
```

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

```
.background{ background-color:#49F6A9 }
```

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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