

Converting Colors

Hex(49EF98)

Have a look what the booklet for
Hex(49EF98) contains.

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Color

Hex(49EF98)

Conversions

Conversions Part 1

Format	Color
Hex	49EF98
RGB	73, 239, 152
RGB Percent	29%, 94%, 60%
CMY	0.7137, 0.0627, 0.4039
CMYK	0.69, 0.00, 0.36, 0.06
HSL	149°, 84%, 61%
HSV	149°, 69%, 94%
XYZ	39.2817, 65.4165, 40.2620
YIQ	179.4480, -71.0090, -62.2490

Conversions

Conversions Part 2

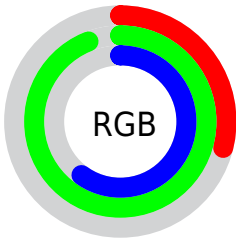
Format	Color
RYB	73, 185, 239
Decimal	4845464
CIELab	84.70, -61.60, 30.07
CIELCh	85, 68.550, 153.986
Yxy	65.4165, 0.2710, 0.4513
Android (android.graphics.Color)	4283035544 (0xFF49EF98)
YUV	179.4480, -13.5319, -93.3549
Hunter-Lab	80.8804, -54.8477, 27.1019

Details

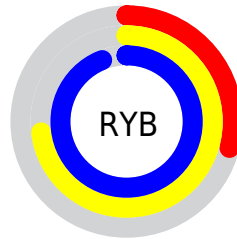
The Hex color **49EF98** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **EF49A0**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **8CFFCF**, and **00B664** is the 20% darker color. If you saturate the color by 10%, you get **31EF8B**, and if you desaturate by 10%, it is **61EFA5**.

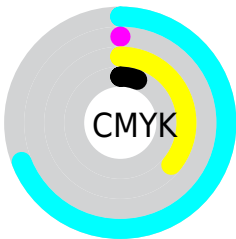
Distribution



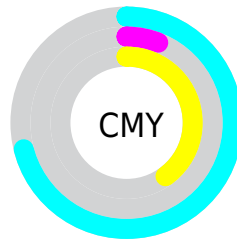
- Red (29%)
- Green (94%)
- Blue (60%)



- Red (29%)
- Yellow (73%)
- Blue (94%)



- Cyan (69%)
- Magenta (0%)
- Yellow (36%)
- Black (6%)



- Cyan (71%)
- Magenta (6%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49EF98 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 49EF98 by changing the saturation by 10% instead.

 49EF98

FFFFFF

 8CFFCF

 ABFFEB

 CAFFFF

 E9FFFF

 49EF98

 17D27E

 00B664

 009A4B

 007F34

 00651C

 004B04

 003400

 001900

 000000

 49EF98

 49EF98

 31EF8B

 61EFA5

 19EF7F

 79EFB1

 01EF72

 91EFBE

 00EF72

 A9EFCA

 C1EFD7

 D8EFE3

 F0EFF0

 FFEFFC

 FFEFFF

Harmonies

Analogous

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



ACE462



49EF98



00F3DA

Triad

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



49EF98



5FD8FF



FFA48F

Complementary

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



49EF98



EF49A0

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.



FF99CD



49EF98



E2BFFF

Square

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



49EF98



00E9FF



FFA5FF



FFBB5E

Rectangle

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



49EF98



00F3FF



FFA5FF



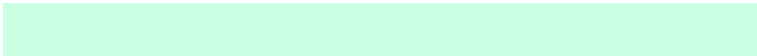
FF9EA3

Sweetspot

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



49EF98



C9FFE3



A2EF49



60806F



000000



808080

Same Dimension

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



49EF98



2BFF90



49EFE9



6C7872



00B857



00381B

Inverse Universe

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



EF49A0



FF2B9A



EF494F



786C72



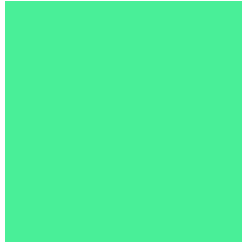
B80060



38001D

Previews

White Background



This preview shows how the Hex color 49EF98 looks on a white background.

Color Contrast Check

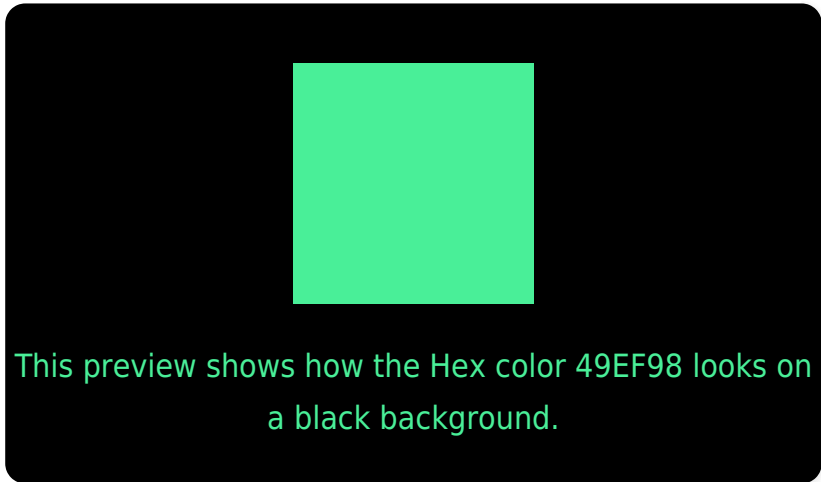
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

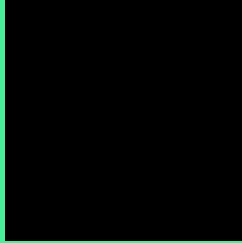
Any Text WCAG AA ✓ Pass

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 49EF98 Background



This preview shows how black text looks on a background with the Hex color 49EF98.

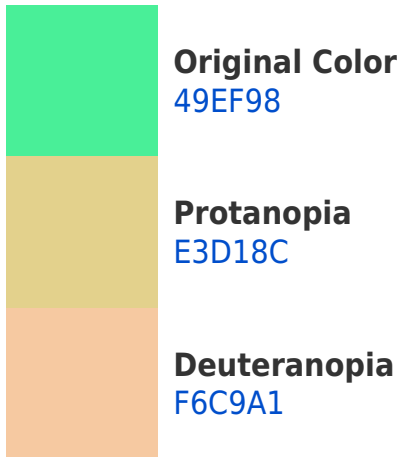


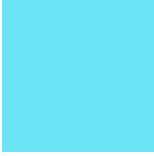
This preview shows how white text looks on a background with the Hex color 49EF98.

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
6CE4F6

Trichromacy



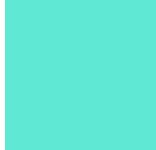
Original Color
49EF98



Protanomaly
ABDC90



Deuteranomaly
B7D79E

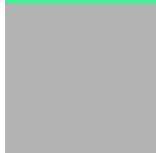


Tritanomaly
5FE8D4

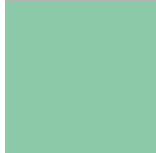
Monochromacy



Original Color
49EF98



Achromatopsia
B3B3B3



Achromatomaly
8CC9A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 49EF98 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 #49EF98 looks like.

```
.text, #text, p{  
    color:#49EF98  
}
```

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 #49EF98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49EF98
}
```

Border

The CSS property to change the border of an element to Hex 49EF98 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
#49EF98 }
```

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

```
.border{ border-color:#49EF98 }
```

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

Here you see how a box with a 4 pixel #49EF98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49EF98; -webkit-box-shadow:4px 4px  
4px 4px #49EF98; box-shadow:4px 4px 4px  
4px #49EF98 }
```

Background

The CSS property to change the background color of an element to Hex 49EF98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49EF98 }
```

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

```
.background{ background-color:#49EF98 }
```

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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