

Converting Colors

Hex(49F2B3)

Have a look what the booklet for
Hex(49F2B3) contains.

Hex(49F2B3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(49F2B3)

Conversions

Conversions Part 1

Format	Color
Hex	49F2B3
RGB	73, 242, 179
RGB Percent	29%, 95%, 70%
CMY	0.7137, 0.0510, 0.2980
CMYK	0.70, 0.00, 0.26, 0.05
HSL	158°, 87%, 62%
HSV	158°, 70%, 95%
XYZ	42.6365, 68.1754, 53.5598
YIQ	184.2870, -80.5010, -55.4210

Conversions

Conversions Part 2

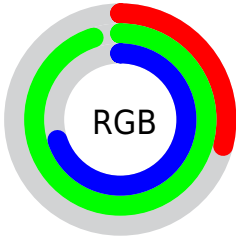
Format	Color
RYB	73, 177, 242
Decimal	4846259
CIELab	86.09, -57.31, 18.15
CIELCh	86, 60.113, 162.431
Yxy	68.1754, 0.2594, 0.4148
Android (android.graphics.Color)	4283036339 (0xFF49F2B3)
YUV	184.2870, -2.6065, -97.5987
Hunter-Lab	82.5684, -52.3213, 19.3381

Details

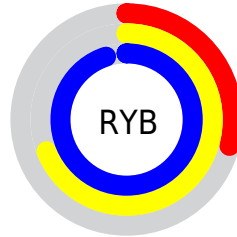
The Hex color **49F2B3** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **F24988**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **8DFFE8**, and **00B97E** is the 20% darker color. If you saturate the color by 10%, you get **31F2AA**, and if you desaturate by 10%, it is **61F2BC**.

Distribution



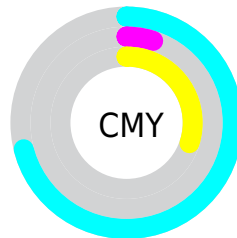
- Red (29%)
- Green (95%)
- Blue (70%)



- Red (29%)
- Yellow (69%)
- Blue (95%)



- Cyan (70%)
- Magenta (0%)
- Yellow (26%)
- Black (5%)



- Cyan (71%)
- Magenta (5%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49F2B3 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 49F2B3 by changing the saturation by 10% instead.

 49F2B3

 49F2B3

FFFFFF

 15D598

 8DFFEB

 00B97E

 ACFFFF

 009D65

 CBFFFF

 00824D

 EAFFFF

 006836

 004E20

 00360A

 001E00

 000000

 49F2B3

 49F2B3

 31F2AA

 61F2BC

 19F2A1

 79F2C5

 00F298

 92F2CE

 AAF2D7

 C2F2E0

 DAF2E9

 F2F2F2

 FFF2FB

 FFF2FF

Harmonies

Analogous

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



A3EA80



49F2B3



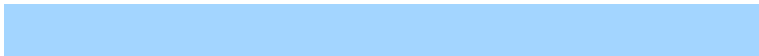
00F4EE

Triad

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



49F2B3



A3D5FF



FFB48D

Complementary

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



49F2B3



F24988

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.



FFA8C2



49F2B3



FBBFFF

Square

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



49F2B3



00E7FF



FFACFB



FFC869

Rectangle

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



49F2B3



00F3FF



FFACFB



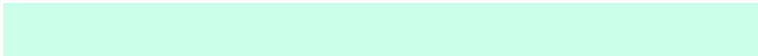
FFAE9D

Sweetspot

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



49F2B3



C9FFEB



8AF249



608074



000000



808080

Same Dimension

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



49F2B3



29FFAF



49DEF2



6C7873



00B873



003823

Inverse Universe

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



F24988



FF2979



F25D49



786C70



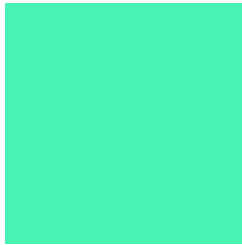
B80044



380015

Previews

White Background



This preview shows how the Hex color 49F2B3 looks on a white background.

Color Contrast Check

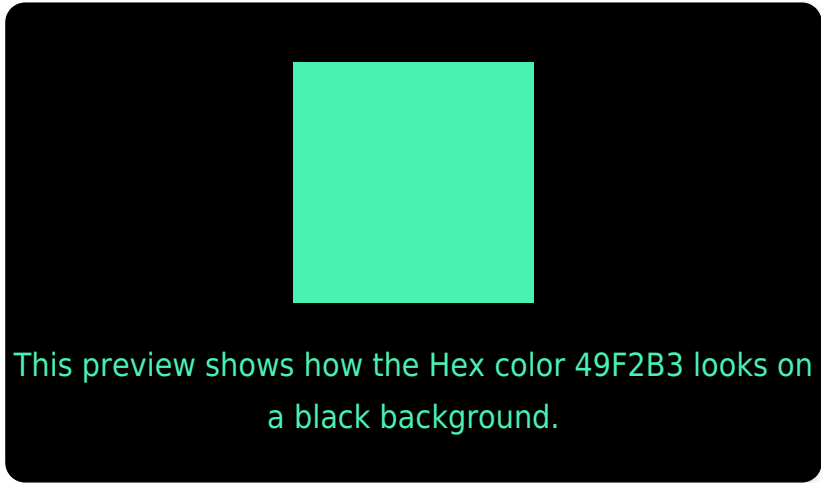
Large Text (above 18pt) WCAG AA × Fail

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

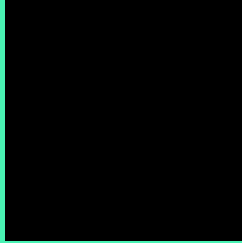
Any Text WCAG AA ✓ Pass

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 49F2B3 Background



This preview shows how black text looks on a background with the Hex color 49F2B3.

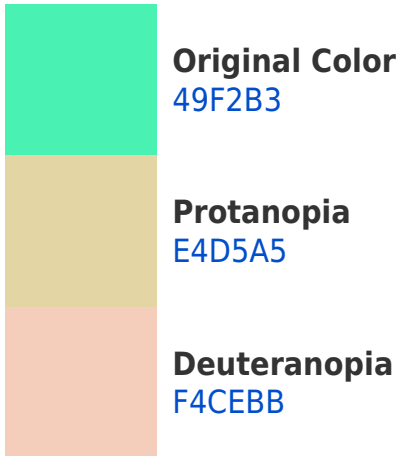


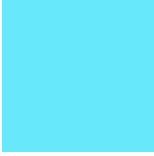
This preview shows how white text looks on a background with the Hex color 49F2B3.

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
68E9FB

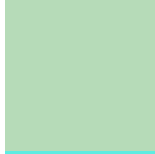
Trichromacy



Original Color
49F2B3



Protanomaly
ACE0AA



Deuteranomaly
B6DBB8



Tritanomaly
5DECE1

Monochromacy



Original Color
49F2B3



Achromatopsia
B8B8B8



Achromatomaly
90CDB6

CSS Examples

Text

The CSS property to change the color of the text to Hex 49F2B3 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 #49F2B3 looks like.

```
.text, #text, p{  
    color:#49F2B3  
}
```

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 #49F2B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49F2B3
}
```

Border

The CSS property to change the border of an element to Hex 49F2B3 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
#49F2B3 }
```

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

```
.border{ border-color:#49F2B3 }
```

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

Here you see how a box with a 4 pixel #49F2B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49F2B3; -webkit-box-shadow:4px 4px  
4px 4px #49F2B3; box-shadow:4px 4px 4px  
4px #49F2B3 }
```

Background

The CSS property to change the background color of an element to Hex 49F2B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49F2B3 }
```

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

```
.background{ background-color:#49F2B3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor