

Converting Colors

Hex(49F3CA)

Have a look what the booklet for
Hex(49F3CA) contains.

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Color

Hex(49F3CA)

Conversions

Conversions Part 1

Format	Color
Hex	49F3CA
RGB	73, 243, 202
RGB Percent	29%, 95%, 79%
CMY	0.7137, 0.0471, 0.2078
CMYK	0.70, 0.00, 0.17, 0.05
HSL	166°, 88%, 62%
HSV	166°, 70%, 95%
XYZ	45.4589, 69.7819, 66.9504
YIQ	187.4960, -88.1590, -48.7910

Conversions

Conversions Part 2

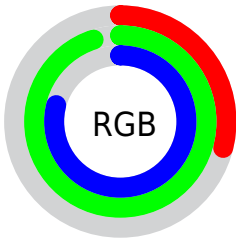
Format	Color
RYB	73, 170, 243
Decimal	4846538
CIELab	86.89, -52.47, 7.33
CIELCh	87, 52.981, 172.052
Yxy	69.7819, 0.2495, 0.3830
Android (android.graphics.Color)	4283036618 (0xFF49F3CA)
YUV	187.4960, 7.1505, -100.4130
Hunter-Lab	83.5356, -49.0500, 10.9563

Details

The Hex color **49F3CA** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **F34972**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **8EFFFF**, and **00BA94** is the 20% darker color. If you saturate the color by 10%, you get **31F3C4**, and if you desaturate by 10%, it is **61F3D0**.

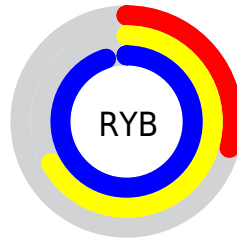
Distribution



Red (29%)

Green (95%)

Blue (79%)



Red (29%)

Yellow (67%)

Blue (95%)

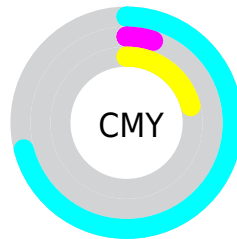


Cyan (70%)

Magenta (0%)

Yellow (17%)

Black (5%)



Cyan (71%)

Magenta (5%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49F3CA 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 49F3CA by changing the saturation by 10% instead.

 49F3CA

 49F3CA

FFFFFF

 12D6AF

 8EFFFF

 00BA94

 ADFFFF

 009E7A

 CDFFFF

 008361

 ECFFFF

 00694A

 005033

 00371E

 002006

 000000

 49F3CA

 49F3CA

 31F3C4

 61F3D0

 18F3BE

 7AF3D6

 00F3B8

 92F3DC

 AAF3E1

 C2F3E7

 DBF3ED

 F3F3F3

 FFF3F9

 FFF3FF

Harmonies

Analogous

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



99ED9A



49F3CA



00F3FE

Triad

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



49F3CA



CAD2FF



FFC08C

Complementary

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



49F3CA



F34972

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.



FFB3B6



49F3CA



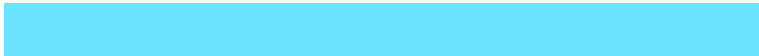
FFBFFF

Square

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



49F3CA



6BE3FF



FFB2E9



FFD275

Rectangle

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



49F3CA



00F1FF



FFB2E9



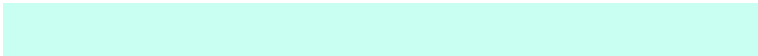
FFBB99

Sweetspot

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



49F3CA



C9FFF2



73F349



608078



000000



808080

Same Dimension

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



49F3CA



29FFCB



49C8F3



6E7A77



00BA8D



003B2D

Inverse Universe

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



F34972



FF295C



F37349



7A6E71



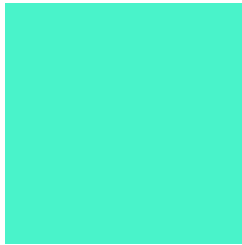
BA002D



3B000E

Previews

White Background



This preview shows how the Hex color 49F3CA looks on a white background.

Color Contrast Check

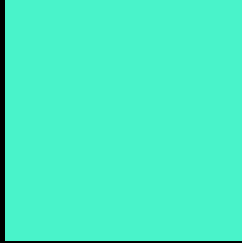
Large Text (above 18pt) WCAG AA × Fail

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 49F3CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

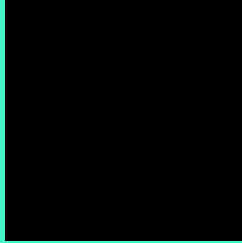
Any Text WCAG AA ✓ Pass

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 49F3CA Background



This preview shows how black text looks on a background with the Hex color 49F3CA.

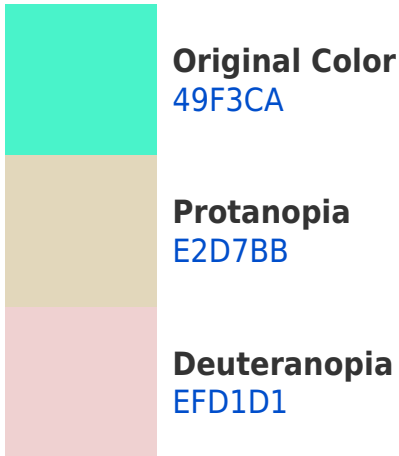


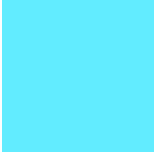
This preview shows how white text looks on a background with the Hex color 49F3CA.

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
62ECFF

Trichromacy



Original Color
49F3CA



Protanomaly
AAE1C0



Deuteranomaly
B3DDCE

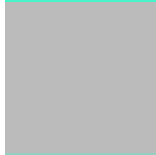


Tritanomaly
59EFEC

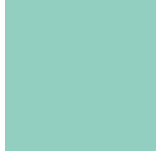
Monochromacy



Original Color
49F3CA



Achromatopsia
BBBBBB



Achromatomaly
92CFC0

CSS Examples

Text

The CSS property to change the color of the text to Hex 49F3CA 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 #49F3CA looks like.

```
.text, #text, p{  
    color:#49F3CA  
}
```

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 #49F3CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49F3CA
}
```

Border

The CSS property to change the border of an element to Hex 49F3CA 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
#49F3CA }
```

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

```
.border{ border-color:#49F3CA }
```

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

Here you see how a box with a 4 pixel #49F3CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49F3CA; -webkit-box-shadow:4px 4px  
4px 4px #49F3CA; box-shadow:4px 4px 4px  
4px #49F3CA }
```

Background

The CSS property to change the background color of an element to Hex 49F3CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49F3CA }
```

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

```
.background{ background-color:#49F3CA }
```

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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