

Converting Colors

Hex(49F1F1)

Have a look what the booklet for
Hex(49F1F1) contains.

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Color

Hex(49F1F1)

Conversions

Conversions Part 1

Format	Color
Hex	49F1F1
RGB	73, 241, 241
RGB Percent	29%, 95%, 95%
CMY	0.7137, 0.0549, 0.0549
CMYK	0.70, 0.00, 0.00, 0.05
HSL	180°, 86%, 62%
HSV	180°, 70%, 95%
XYZ	50.0801, 70.6779, 94.2218
YIQ	190.7680, -100.1280, -35.6160

Conversions

Conversions Part 2

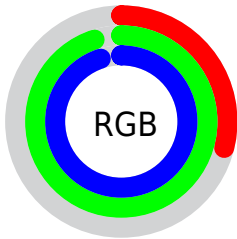
Format	Color
R_{YB}	73, 157, 241
Decimal	4846065
CIE _{Lab}	87.33, -41.54, -12.43
CIE _{LCh}	87, 43.359, 196.666
Yxy	70.6779, 0.2330, 0.3288
Android (android.graphics.Color)	4283036145 (0xFF49F1F1)
YUV	190.7680, 24.7644, -103.2825
Hunter-Lab	84.0702, -40.7913, -7.6003

Details

The Hex color **49F1F1** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F14949**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **90FFFF**, and **00B8B9** is the 20% darker color. If you saturate the color by 10%, you get **31F1F1**, and if you desaturate by 10%, it is **61F1F1**.

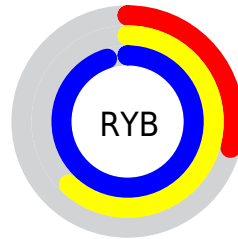
Distribution



Red (29%)

Green (95%)

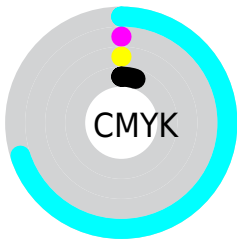
Blue (95%)



Red (29%)

Yellow (62%)

Blue (95%)

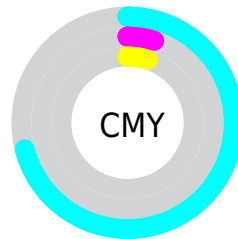


Cyan (70%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49F1F1 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 49F1F1 by changing the saturation by 10% instead.

 49F1F1

 49F1F1

FFFFFF

 09D4D5

 90FFFF

 00B8B9

 B0FFFF

 009D9E

 D0FFFF

 008284

 EFFFFF

 00686B

 004F53

 00373C

 002226

 000111

■ 49F1F1

■ 49F1F1

■ 31F1F1

■ 61F1F1

■ 19F1F1

■ 79F1F1

■ 01F1F1

■ 91F1F1

■ 00F1F1

■ A9F1F1

■ C2F1F1

■ DAF1F1

■ F2F1F1

■ FFF1F1

Harmonies

Analogous

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



7DF0C6



49F1F1



44EDFF

Triad

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



49F1F1



FCC8FF



FFD28B

Complementary

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



49F1F1



F14949

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.



FFC4A1



49F1F1



FFBDEF

Square

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



49F1F1



C5D7FF



FFBCC5



DFE08B

Rectangle

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



49F1F1



6AE8FF



FFBCC5



FFCD90

Sweetspot

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



49F1F1



C9FFFF



49F149



608080



000000



808080

Same Dimension

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



49F1F1



29FFFF



499DF1



6C7878



00B8B8



003838

Inverse Universe

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



F149F1



FF29FF



F19D49



786C78



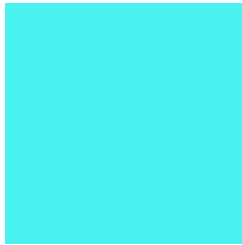
B800B8



380038

Previews

White Background



This preview shows how the Hex color 49F1F1 looks on a white background.

Color Contrast Check

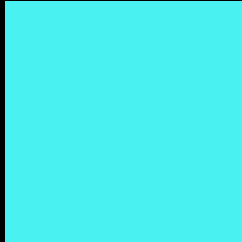
Large Text (above 18pt) WCAG AA × Fail

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 49F1F1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

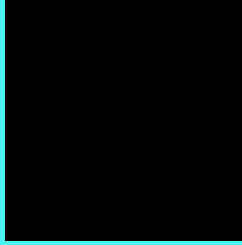
Any Text WCAG AA ✓ Pass

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 49F1F1 Background



This preview shows how black text looks on a background with the Hex color 49F1F1.

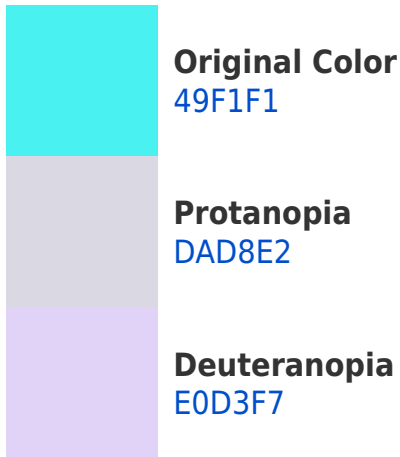


This preview shows how white text looks on a background with the Hex color 49F1F1.

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
65EDFF

Trichromacy



Original Color
49F1F1



Protanomaly
A5E1E7



Deuteranomaly
A9DEF5

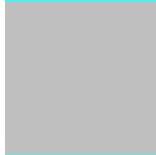


Tritanomaly
5BEEFA

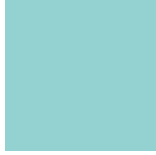
Monochromacy



Original Color
49F1F1



Achromatopsia
BFBFBF



Achromatomaly
94D1D1

CSS Examples

Text

The CSS property to change the color of the text to Hex 49F1F1 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 #49F1F1 looks like.

```
.text, #text, p{  
    color:#49F1F1  
}
```

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 #49F1F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49F1F1
}
```

Border

The CSS property to change the border of an element to Hex 49F1F1 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
#49F1F1 }
```

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

```
.border{ border-color:#49F1F1 }
```

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

Here you see how a box with a 4 pixel #49F1F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49F1F1; -webkit-box-shadow:4px 4px  
4px 4px #49F1F1; box-shadow:4px 4px 4px  
4px #49F1F1 }
```

Background

The CSS property to change the background color of an element to Hex 49F1F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49F1F1 }
```

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

```
.background{ background-color:#49F1F1 }
```

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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