

Converting Colors

Hex(49F5F5)

Have a look what the booklet for
Hex(49F5F5) contains.

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Color

Hex(49F5F5)

Conversions

Conversions Part 1

Format	Color
Hex	49F5F5
RGB	73, 245, 245
RGB Percent	29%, 96%, 96%
CMY	0.7137, 0.0392, 0.0392
CMYK	0.70, 0.00, 0.00, 0.04
HSL	180°, 90%, 62%
HSV	180°, 70%, 96%
XYZ	51.8815, 73.3139, 97.8028
YIQ	193.5720, -102.5120, -36.4640

Conversions

Conversions Part 2

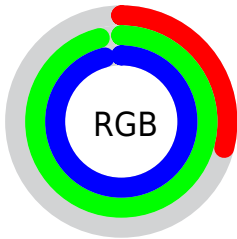
Format	Color
RYB	73, 159, 245
Decimal	4847093
CIELab	88.60, -42.22, -12.63
CIELCh	89, 44.071, 196.656
Yxy	73.3139, 0.2327, 0.3288
Android (android.graphics.Color)	4283037173 (0xFF49F5F5)
YUV	193.5720, 25.3540, -105.7416
Hunter-Lab	85.6235, -41.6834, -7.7871

Details

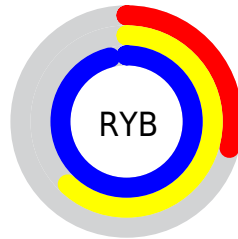
The Hex color **49F5F5** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F54949**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **91FFFF**, and **00BCBD** is the 20% darker color. If you saturate the color by 10%, you get **31F5F5**, and if you desaturate by 10%, it is **62F5F5**.

Distribution



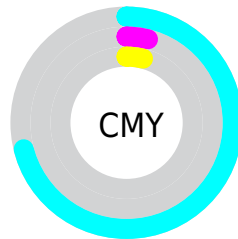
- Red (29%)
- Green (96%)
- Blue (96%)



- Red (29%)
- Yellow (62%)
- Blue (96%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 49F5F5 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 49F5F5 by changing the saturation by 10% instead.

 49F5F5

 49F5F5

FFFFFF

 05D8D9

 91FFFF

 00BCBD

 B1FFFF

 00A1A2

 D1FFFF

 008688

 F1FFFF

 006C6E

 005356

 003A3F

 002529

 000115

 49F5F5

 49F5F5

 31F5F5

 62F5F5

 18F5F5

 7AF5F5

 00F5F5

 93F5F5

 ABF5F5

 C4F5F5

 DCF5F5

 F5F5F5

 FFF5F5

Harmonies

Analogous

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



7FF4CA



49F5F5



43F1FF

Triad

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



49F5F5



FFCBFF



FFD58D

Complementary

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



49F5F5



F54949

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.



FFC7A3



49F5F5



FFC0F3

Square

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



49F5F5



C8DAFF



FFBFC8



E3E38D

Rectangle

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



49F5F5



6BECFF



FFBFC8



FFD092

Sweetspot

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



49F5F5



C9FFFF



49F549



608080



000000



808080

Same Dimension

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



49F5F5



29FFFF



499FF5



6E7A7A



00BABA



003B3B

Inverse Universe

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



F549F5



FF29FF



F59F49



7A6E7A



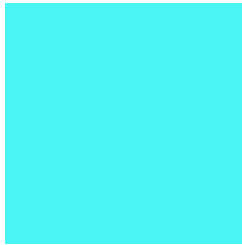
BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color 49F5F5 looks on a white background.

Color Contrast Check

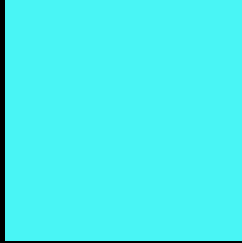
Large Text (above 18pt) WCAG AA × Fail

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 49F5F5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

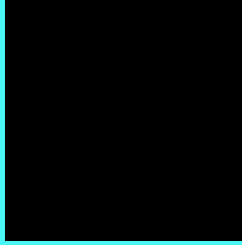
Any Text WCAG AA ✓ Pass

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 49F5F5 Background



This preview shows how black text looks on a background with the Hex color 49F5F5.

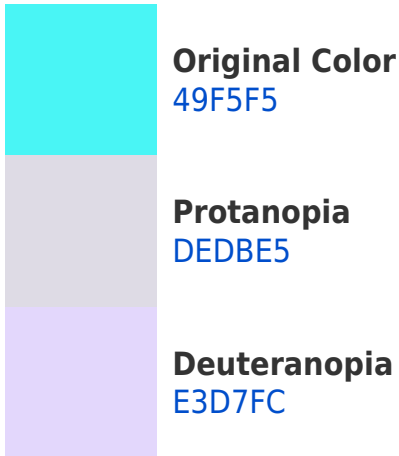


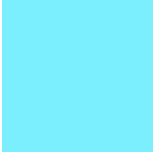
This preview shows how white text looks on a background with the Hex color 49F5F5.

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
7CEFF

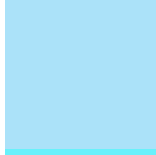
Trichromacy



Original Color
49F5F5



Protanomaly
A8E4EB

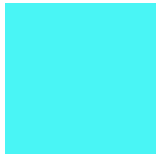


Deuteranomaly
ABE2F9

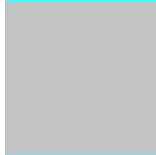


Tritanomaly
69F1FB

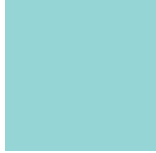
Monochromacy



Original Color
49F5F5



Achromatopsia
C2C2C2



Achromatomaly
96D5D5

CSS Examples

Text

The CSS property to change the color of the text to Hex 49F5F5 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 #49F5F5 looks like.

```
.text, #text, p{  
    color:#49F5F5  
}
```

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 #49F5F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49F5F5
}
```

Border

The CSS property to change the border of an element to Hex 49F5F5 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
#49F5F5 }
```

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

```
.border{ border-color:#49F5F5 }
```

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

Here you see how a box with a 4 pixel #49F5F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49F5F5; -webkit-box-shadow:4px 4px  
4px 4px #49F5F5; box-shadow:4px 4px 4px  
4px #49F5F5 }
```

Background

The CSS property to change the background color of an element to Hex 49F5F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49F5F5 }
```

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

```
.background{ background-color:#49F5F5 }
```

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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