

Converting Colors

Hex(21F4F4)

Have a look what the booklet for
Hex(21F4F4) contains.

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Color

Hex(21F4F4)

Conversions

Conversions Part 1

Format	Color
Hex	21F4F4
RGB	33, 244, 244
RGB Percent	13%, 96%, 96%
CMY	0.8706, 0.0431, 0.0431
CMYK	0.86, 0.00, 0.00, 0.04
HSL	180°, 91%, 54%
HSV	180°, 86%, 96%
XYZ	49.3070, 71.5564, 96.8010
YIQ	180.9110, -125.7560, -44.7320

Conversions

Conversions Part 2

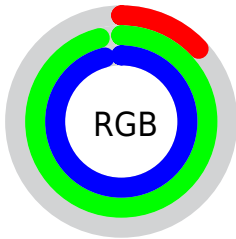
Format	Color
R _Y B	33, 139, 244
Decimal	2225396
CIE Lab	87.75, -45.46, -13.42
CIE LCh	88, 47.404, 196.449
Yxy	71.5564, 0.2265, 0.3287
Android (android.graphics.Color)	4280415476 (0xFF21F4F4)
YUV	180.9110, 31.1029, -129.7179
Hunter-Lab	84.5910, -43.9888, -8.6343

Details

The Hex color **21F4F4** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F42121**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **7DFFFF**, and **00BBBC** is the 20% darker color. If you saturate the color by 10%, you get **09F4F4**, and if you desaturate by 10%, it is **39F4F4**.

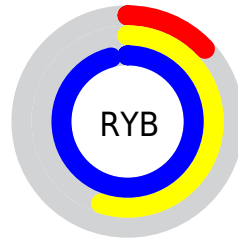
Distribution



Red (13%)

Green (96%)

Blue (96%)



Red (13%)

Yellow (55%)

Blue (96%)

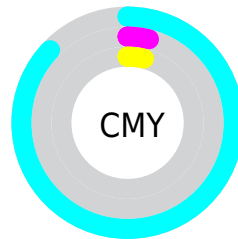


Cyan (86%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (87%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21F4F4 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 21F4F4 by changing the saturation by 10% instead.

 21F4F4

 21F4F4

FFFFFF

 00D7D8


 7DFFFF

 00BBBC

 9FFFFFF

 009FA1

 C0FFFF

 008587

 E1FFFF

 006B6D

 005155


 00393E

 002328

 000114

 21F4F4

 21F4F4

 09F4F4

 39F4F4

 00F4F4

 52F4F4

 6AF4F4

 83F4F4

 9BF4F4

 B3F4F4

 CCF4F4

 E4F4F4

 FDF4F4

Harmonies

Analogous

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



73F3C5



21F4F4



00F0FF

Triad

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



21F4F4



FFC7FF



FFD284

Complementary

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



21F4F4



F42121

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.



FFC39D



21F4F4



FFBBF2

Square

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



21F4F4



C2D8FF



FFB9C5



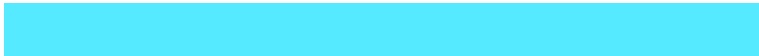
E1E184

Rectangle

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



21F4F4



55EAFF



FFB9C5



FFCD8A

Sweetspot

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



21F4F4



BDFFFF



21F421



588080



000000



808080

Same Dimension

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



21F4F4



00FFFF



218BF4



6E7A7A



00BABA



003B3B

Inverse Universe

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



F421F4



FF00FF



F48B21



7A6E7A



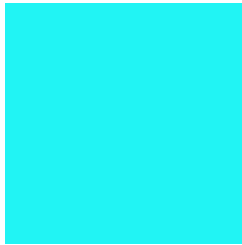
BA00BA



3B003B

Previews

White Background



This preview shows how the Hex color 21F4F4 looks on a white background.

Color Contrast Check

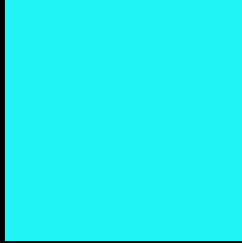
Large Text (above 18pt) WCAG AA × Fail

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 21F4F4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

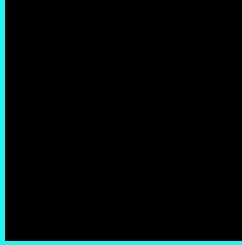
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

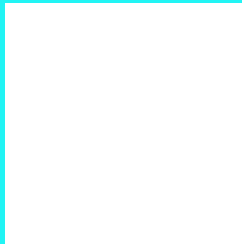
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 21F4F4 Background



This preview shows how black text looks on a background with the Hex color 21F4F4.

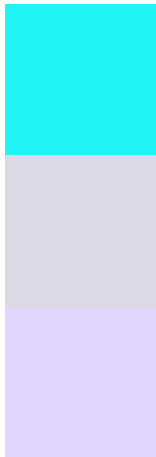


This preview shows how white text looks on a background with the Hex color 21F4F4.

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](#).

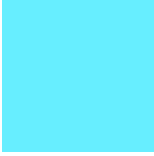
Dichromacy



Original Color
21F4F4

Protanopia
DBD9E3

Deuteranopia
E0D5FB



Tritanopia
67EEFF

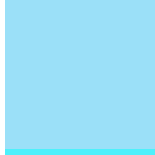
Trichromacy



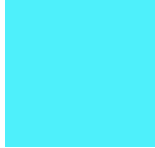
Original Color
21F4F4



Protanomaly
97E3E9



Deuteranomaly
9BE0F8

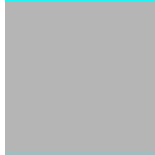


Tritanomaly
4EF0FB

Monochromacy



Original Color
21F4F4



Achromatopsia
B5B5B5



Achromatomaly
7FCCCC

CSS Examples

Text

The CSS property to change the color of the text to Hex 21F4F4 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 #21F4F4 looks like.

```
.text, #text, p{  
    color:#21F4F4  
}
```

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 #21F4F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21F4F4
}
```

Border

The CSS property to change the border of an element to Hex 21F4F4 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
#21F4F4 }
```

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

```
.border{ border-color:#21F4F4 }
```

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

Here you see how a box with a 4 pixel #21F4F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21F4F4; -webkit-box-shadow:4px 4px  
4px 4px #21F4F4; box-shadow:4px 4px 4px  
4px #21F4F4 }
```

Background

The CSS property to change the background color of an element to Hex 21F4F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21F4F4 }
```

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

```
.background{ background-color:#21F4F4 }
```

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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