

Converting Colors

Hex(4FF5FA)

Have a look what the booklet for
Hex(4FF5FA) contains.

Hex(4FF5FA)	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(4FF5FA)

Conversions

Conversions Part 1

Format	Color
Hex	4FF5FA
RGB	79, 245, 250
RGB Percent	31%, 96%, 98%
CMY	0.6902, 0.0392, 0.0196
CMYK	0.68, 0.02, 0.00, 0.02
HSL	182°, 94%, 65%
HSV	182°, 68%, 98%
XYZ	53.1322, 73.8692, 101.9003
YIQ	195.9360, -100.5410, -33.6370

Conversions

Conversions Part 2

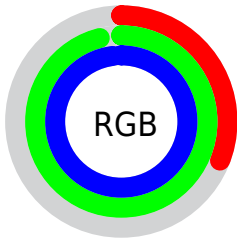
Format	Color
RYB	79, 163, 250
Decimal	5240314
CIELab	88.86, -40.10, -14.84
CIElCh	89, 42.756, 200.303
Yxy	73.8692, 0.2321, 0.3227
Android (android.graphics.Color)	4283430394 (0xFF4FF5FA)
YUV	195.9360, 26.6536, -102.5529
Hunter-Lab	85.9472, -40.0597, -10.1321

Details

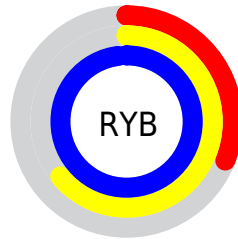
The Hex color `4FF5FA` is a light color, and the websafe version is hex `66FFFF`. The color can be described as light washed cyan. A complement of this color would be `FA544F`, and the grayscale version is `C4C4C4`.

A 20% lighter version of the original color is `95FFFF`, and `00BCC2` is the 20% darker color. If you saturate the color by 10%, you get `36F4FA`, and if you desaturate by 10%, it is `68F6FA`.

Distribution



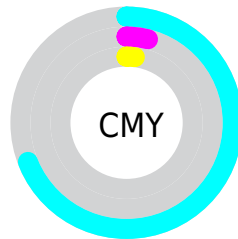
- Red (31%)
- Green (96%)
- Blue (98%)



- Red (31%)
- Yellow (64%)
- Blue (98%)



- Cyan (68%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (69%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FF5FA 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 4FF5FA by changing the saturation by 10% instead.

 4FF5FA

 4FF5FA

FFFFFF

 19D8DD

 95FFFF

 00BCC2

 B5FFFF

 00A1A6

 D5FFFF

 00868C

 F4FFFF

 006C73

 00535A

 003B43

 00262C

 000119

 4FF5FA

 4FF5FA

 36F4FA

 68F6FA

 1DF4FA

 81F6FA

 04F3FA

 9AF7FA

 00F3FA

 B3F8FA

 CCF9FA

 E5F9FA

 FEFAFA

 FFFBFA

 FFFCFA

Harmonies

Analogous

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



7DF4D0



4FF5FA



54F1FF

Triad

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



4FF5FA



FFCBFF



FFD88F

Complementary

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



4FF5FA



FA544F

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.



FFCAA2



4FF5FA



FFC1EE

Square

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



4FF5FA



D1D9FF



FFC1C5



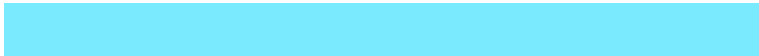
DEE592

Rectangle

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



4FF5FA



7AEBFF



FFC1C5



FFD393

Sweetspot

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



4FF5FA



C9DFF



4FFA52



607F80



000000



808080

Same Dimension

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



4FF5FA



2EF9FF



4FA2FA



707D7D



00B7BD



003B3D

Inverse Universe

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



FA4FF5



FF2EF9



FAA74F



7D707D



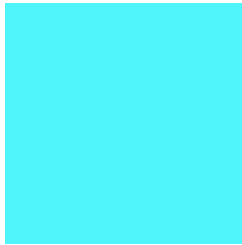
BD00B7



3D003B

Previews

White Background



This preview shows how the Hex color 4FF5FA looks on a white background.

Color Contrast Check

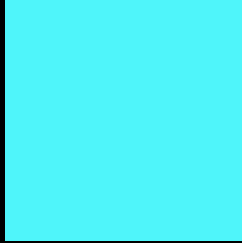
Large Text (above 18pt) WCAG AA × Fail

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 4FF5FA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

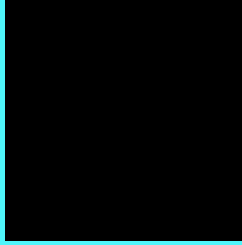
Any Text WCAG AA ✓ Pass

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 4FF5FA Background



This preview shows how black text looks on a background with the Hex color 4FF5FA.

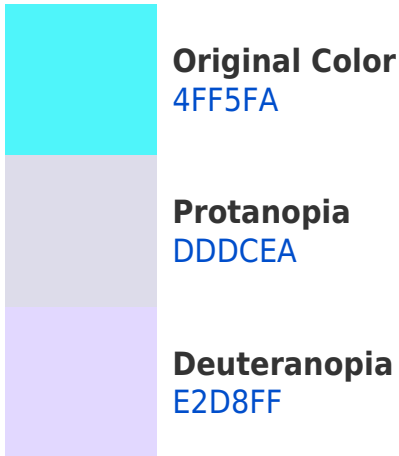


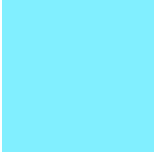
This preview shows how white text looks on a background with the Hex color 4FF5FA.

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
81EFFF

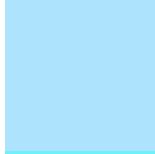
Trichromacy



Original Color
4FF5FA



Protanomaly
A9E5F0



Deuteranomaly
ADE3FD

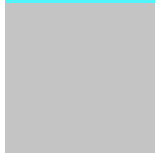


Tritanomaly
6FF1FD

Monochromacy



Original Color
4FF5FA



Achromatopsia
C4C4C4



Achromatomaly
99D6D8

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FF5FA 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 #4FF5FA looks like.

```
.text, #text, p{  
    color:#4FF5FA  
}
```

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 #4FF5FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FF5FA
}
```

Border

The CSS property to change the border of an element to Hex 4FF5FA 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
#4FF5FA }
```

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

```
.border{ border-color:#4FF5FA }
```

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

Here you see how a box with a 4 pixel #4FF5FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FF5FA; -webkit-box-shadow:4px 4px  
4px 4px #4FF5FA; box-shadow:4px 4px 4px  
4px #4FF5FA }
```

Background

The CSS property to change the background color of an element to Hex 4FF5FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FF5FA }
```

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

```
.background{ background-color:#4FF5FA }
```

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