

Converting Colors

Hex(2DF8FA)

Have a look what the booklet for
Hex(2DF8FA) contains.

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Color

Hex(2DF8FA)

Conversions

Conversions Part 1

Format	Color
Hex	2DF8FA
RGB	45, 248, 250
RGB Percent	18%, 97%, 98%
CMY	0.8235, 0.0275, 0.0196
CMYK	0.82, 0.01, 0.00, 0.02
HSL	181°, 95%, 58%
HSV	181°, 82%, 98%
XYZ	51.9049, 74.5948, 102.1050
YIQ	187.5310, -121.6300, -42.4140

Conversions

Conversions Part 2

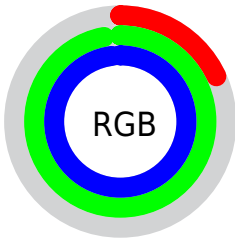
Format	Color
R _{YB}	45, 147, 250
Decimal	3012858
CIE _{Lab}	89.20, -44.77, -14.38
CIE _{LCh}	89, 47.023, 197.802
Yxy	74.5948, 0.2271, 0.3263
Android (android.graphics.Color)	4281202938 (0xFF2DF8FA)
YUV	187.5310, 30.7972, -124.9997
Hunter-Lab	86.3683, -43.8710, -9.6351

Details

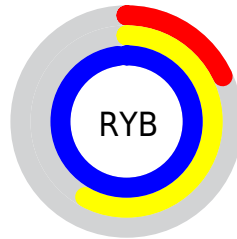
The Hex color **2DF8FA** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FA2F2D**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **83FFFF**, and **00BFC2** is the 20% darker color. If you saturate the color by 10%, you get **14F8FA**, and if you desaturate by 10%, it is **46F8FA**.

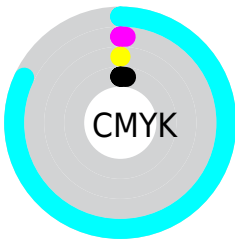
Distribution



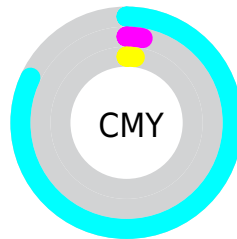
- Red (18%)
- Green (97%)
- Blue (98%)



- Red (18%)
- Yellow (58%)
- Blue (98%)



- Cyan (82%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (82%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DF8FA 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 2DF8FA by changing the saturation by 10% instead.

 2DF8FA

 2DF8FA

FFFFFF

 00DBDD

 83FFFF

 00BFC2

 A5FFFF

 00A3A6

 C5FFFF

 00888C

 E6FFFF

 006E73

 00555A

 003C43

 00272D

 000119

 2DF8FA

 2DF8FA


 14F8FA

 46F8FA

 00F8FA

 5FF8FA

 78F9FA

 91F9FA

 AAF9FA

 C3F9FA

 DCFAFA

 F5FAFA

 FFFAFA

Harmonies

Analogous

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



75F7CC



2DF8FA



24F4FF

Triad

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



2DF8FA



FFCBFF



FFD788

Complementary

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



2DF8FA



FA2F2D

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.



FFC89F



2DF8FA



FFBFF4

Square

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



2DF8FA



CADBFF



FFBEC7



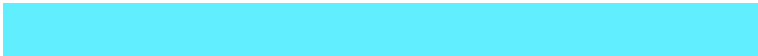
E3E689

Rectangle

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



2DF8FA



61EEFF



FFBEC7



FFD28E

Sweetspot

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



2DF8FA



BFFEFF



2DFA2D



597F80



000000



808080

Same Dimension

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



2DF8FA



05FDFF



2D94FA



707D7D



00BBBD



003D3D

Inverse Universe

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



FA2DF8



FF05FD



FA942D



7D707D



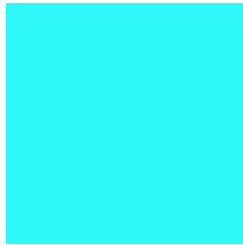
BD00BB



3D003D

Previews

White Background



This preview shows how the Hex color 2DF8FA looks on a white background.

Color Contrast Check

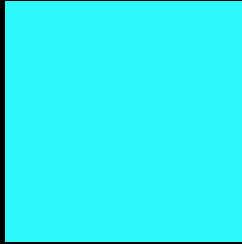
Large Text (above 18pt) WCAG AA × Fail

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 2DF8FA 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 2DF8FA Background



This preview shows how black text looks on a background with the Hex color 2DF8FA.

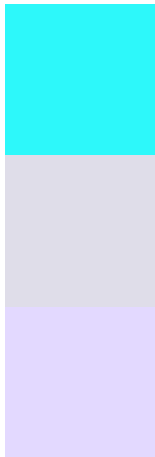


This preview shows how white text looks on a background with the Hex color 2DF8FA.

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](#).

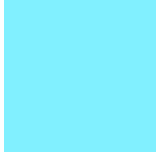
Dichromacy



Original Color
2DF8FA

Protanopia
DFDDE9

Deuteranopia
E3D9FF

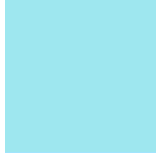


Tritanopia
81F0FF

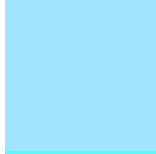
Trichromacy



Original Color
2DF8FA



Protanomaly
9EE7EF

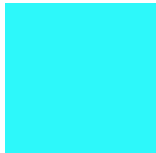


Deuteranomaly
A1E4FD

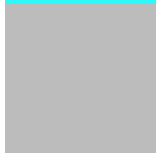


Tritanomaly
62F3FD

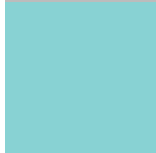
Monochromacy



Original Color
2DF8FA



Achromatopsia
BCBCBC



Achromatomaly
88D2D3

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DF8FA 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 #2DF8FA looks like.

```
.text, #text, p{  
    color:#2DF8FA  
}
```

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 #2DF8FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DF8FA
}
```

Border

The CSS property to change the border of an element to Hex 2DF8FA 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
#2DF8FA }
```

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

```
.border{ border-color:#2DF8FA }
```

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

Here you see how a box with a 4 pixel #2DF8FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DF8FA; -webkit-box-shadow:4px 4px  
4px 4px #2DF8FA; box-shadow:4px 4px 4px  
4px #2DF8FA }
```

Background

The CSS property to change the background color of an element to Hex 2DF8FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DF8FA }
```

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

```
.background{ background-color:#2DF8FA }
```

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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