

Converting Colors

Hex(2DF1FF)

Have a look what the booklet for
Hex(2DF1FF) contains.

Hex(2DF1FF)	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(2DF1FF)

Conversions

Conversions Part 1

Format	Color
Hex	2DF1FF
RGB	45, 241, 255
RGB Percent	18%, 95%, 100%
CMY	0.8235, 0.0549, 0.0000
CMYK	0.82, 0.05, 0.00, 0.00
HSL	184°, 100%, 59%
HSV	184°, 82%, 100%
XYZ	50.5875, 70.6885, 105.5857
YIQ	183.9920, -121.3100, -37.1980

Conversions

Conversions Part 2

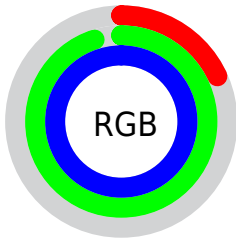
Format	Color
R _{YB}	45, 146, 255
Decimal	3011071
CIE _{Lab}	87.33, -40.20, -19.80
CIE _{LCh}	87, 44.812, 206.221
Y _{xy}	70.6885, 0.2230, 0.3116
Android (android.graphics.Color)	4281201151 (0xFF2DF1FF)
YUV	183.9920, 35.0069, -121.8960
Hunter-Lab	84.0764, -39.7331, -15.6047

Details

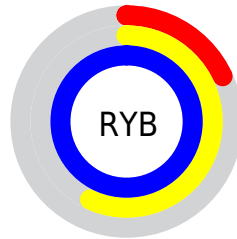
The Hex color **2DF1FF** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF3B2D**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **82FFFF**, and **00B8C6** is the 20% darker color. If you saturate the color by 10%, you get **14EFFF**, and if you desaturate by 10%, it is **47F3FF**.

Distribution



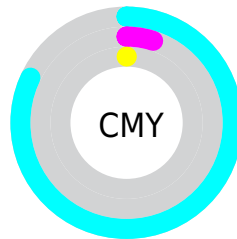
- Red (18%)
- Green (95%)
- Blue (100%)



- Red (18%)
- Yellow (57%)
- Blue (100%)



- Cyan (82%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DF1FF 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 2DF1FF by changing the saturation by 10% instead.

 2DF1FF

 2DF1FF

FFFFFF

 00D4E2

 82FFFF

 00B8C6

 A4FFFF

 009DAB

 C5FFFF

 008290

 E5FFFF

 006977

 00505E

 003846

 002330

 00011B

 2DF1FF

 2DF1FF

 14EFFF

 47F3FF

 00EEFF

 60F4FF

 7AF6FF

 93F8FF

 ADFAFF

 C6FBFF

 E0FDFD

 F9FFFF

FFFFFF

Harmonies

Analogous

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



66F1D4



2DF1FF



49EBFF

Triad

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



2DF1FF



FFC3FF



FCD685

Complementary

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



2DF1FF



FF3B2D

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.



FFC895



2DF1FF



FFBAE2

Square

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



2DF1FF



D8D2FF



FFBCB7



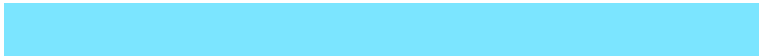
D1E48D

Rectangle

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



2DF1FF



7BE5FF



FFBCB7



FFD188

Sweetspot

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



2DF1FF



BFFBFF



2DFF3B



597D80



000000



808080

Same Dimension

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



2DF1FF



03EEFF



2D88FF



737F80



00B3BF



003C40

Inverse Universe

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



FF2DF1



FF03EE



FFA42D



80737F



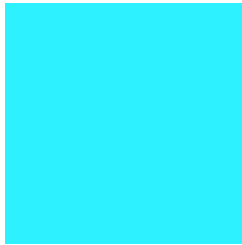
BF00B3



40003C

Previews

White Background



This preview shows how the Hex color 2DF1FF looks on a white background.

Color Contrast Check

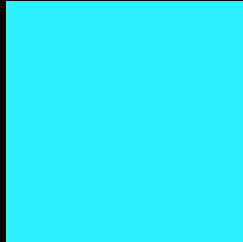
Large Text (above 18pt) WCAG AA × Fail

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 2DF1FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

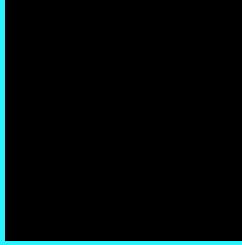
Any Text WCAG AA ✓ Pass

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 2DF1FF Background



This preview shows how black text looks on a background with the Hex color 2DF1FF.

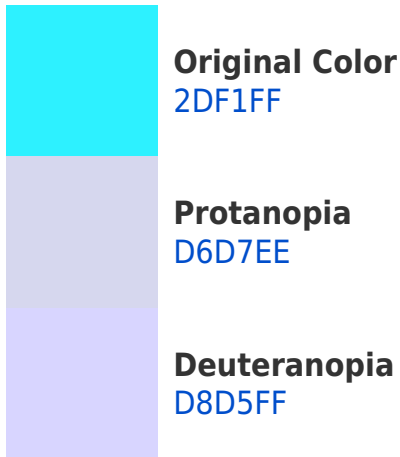


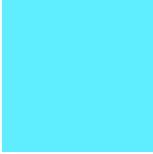
This preview shows how white text looks on a background with the Hex color 2DF1FF.

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



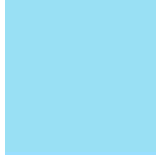


Tritanopia
5EEEEFF

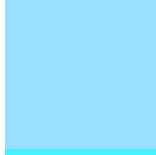
Trichromacy



Original Color
2DF1FF



Protanomaly
99E0F4



Deuteranomaly
9ADFFF

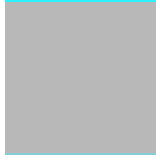


Tritanomaly
4CEFFF

Monochromacy



Original Color
2DF1FF



Achromatopsia
B8B8B8



Achromatomaly
85CDD2

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DF1FF 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 #2DF1FF looks like.

```
.text, #text, p{  
    color:#2DF1FF  
}
```

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 #2DF1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DF1FF
}
```

Border

The CSS property to change the border of an element to Hex 2DF1FF 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
#2DF1FF }
```

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

```
.border{ border-color:#2DF1FF }
```

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

Here you see how a box with a 4 pixel #2DF1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DF1FF; -webkit-box-shadow:4px 4px  
4px 4px #2DF1FF; box-shadow:4px 4px 4px  
4px #2DF1FF }
```

Background

The CSS property to change the background color of an element to Hex 2DF1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DF1FF }
```

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

```
.background{ background-color:#2DF1FF }
```

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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