

Converting Colors

Hex(2DFCFE)

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

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Color

Hex(2DFCFE)

Conversions

Conversions Part 1

Format	Color
Hex	2DFCFE
RGB	45, 252, 254
RGB Percent	18%, 99%, 100%
CMY	0.8235, 0.0118, 0.0039
CMYK	0.82, 0.01, 0.00, 0.00
HSL	181°, 99%, 59%
HSV	181°, 82%, 100%
XYZ	53.7820, 77.3345, 105.8584
YIQ	190.3350, -124.0140, -43.2620

Conversions

Conversions Part 2

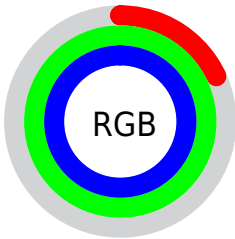
Format	Color
R _Y B	45, 149, 254
Decimal	3013886
CIE Lab	90.48, -45.39, -14.55
CIE LCh	90, 47.664, 197.777
Yxy	77.3345, 0.2270, 0.3263
Android (android.graphics.Color)	4281203966 (0xFF2DFCFE)
YUV	190.3350, 31.3868, -127.4588
Hunter-Lab	87.9400, -44.7287, -9.8127

Details

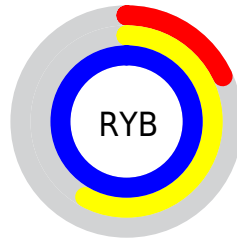
The Hex color **2DFCFE** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FE2F2D**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **84FFFF**, and **00C3C5** is the 20% darker color. If you saturate the color by 10%, you get **14FCFE**, and if you desaturate by 10%, it is **46FCFE**.

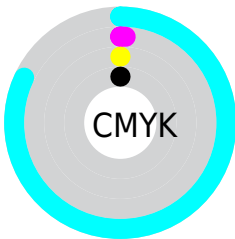
Distribution



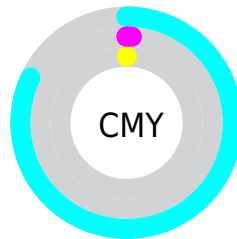
- Red (18%)
- Green (99%)
- Blue (100%)



- Red (18%)
- Yellow (58%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 2DFCFE

 2DFCFE

FFFFFF

 00DFE1

 84FFFF

 00C3C5

 A6FFFF

 00A7AA

 C7FFFF

 008C90

 E7FFFF

 007276

 00585D

 004046

 002A2F

 00051C

 2DFCFE

 2DFCFE

 14FCFE

 46FCFE

 00FCFE

 60FCFE

 79FD FE

 93FD FE

 AC FD FE

 C5 FD FE

 DF FE FE

 F8 FE FE

FF FE FE

Harmonies

Analogous

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



77FBCF



2DFCFE



23F8FF

Triad

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



2DFCFE



FFCEFF



FFDB8A

Complementary

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



2DFCFE



FE2F2D

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.



FFCBA2



2DFCFE



FFC2F8

Square

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



2DFCFE



CDDFFF



FFC1CA



E6EA8B

Rectangle

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



2DFCFE



62F2FF



FFC1CA



FFD590

Sweetspot

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



2DFCFE



BFFEFF



2DFE2D



597F80



000000



808080

Same Dimension

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



2DFCFE



03FDFF



2D96FE



737F80



00BDBF



003F40

Inverse Universe

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



FE2DFC



FF03FD



FE962D



80737F



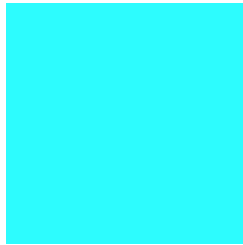
BF00BD



40003F

Previews

White Background



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

Color Contrast Check

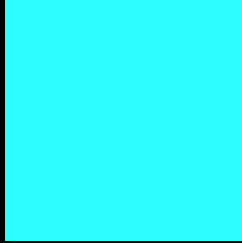
Large Text (above 18pt) WCAG AA × Fail

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 2DFCFE 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 2DFCFE Background



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

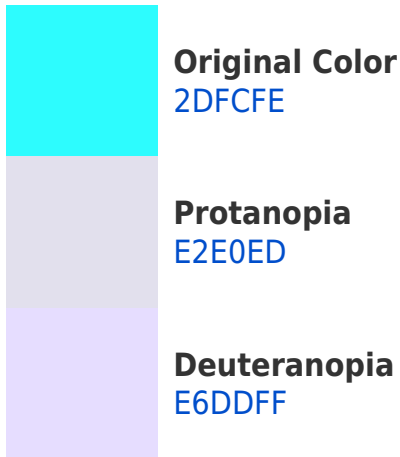


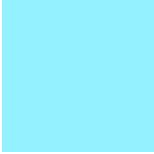
This preview shows how white text looks on a background with the Hex color 2DFCFE.

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](#).

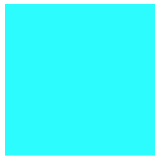
Dichromacy





Tritanopia
94F1FF

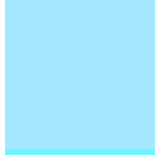
Trichromacy



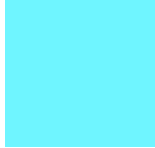
Original Color
2DFCFE



Protanomaly
A0EAF3



Deuteranomaly
A3E8FF

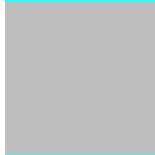


Tritanomaly
6FF5FF

Monochromacy



Original Color
2DFCFE



Achromatopsia
BEBEBE



Achromatomaly
89D5D5

CSS Examples

Text

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

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

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 #2DFCFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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