

# Converting Colors

Hex(2FE5F6)

Have a look what the booklet for  
Hex(2FE5F6) contains.

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**Color**

**Hex(2FE5F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FE5F6
RGB	47, 229, 246
RGB Percent	18%, 90%, 96%
CMY	0.8157, 0.1020, 0.0353
CMYK	0.81, 0.07, 0.00, 0.04
HSL	185°, 92%, 57%
HSV	185°, 81%, 96%
XYZ	45.8262, 63.2968, 96.9910
YIQ	176.5200, -113.9290, -33.2970

# Conversions

## Conversions Part 2

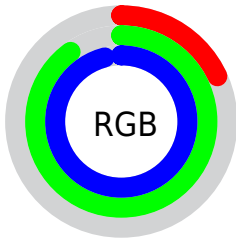
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 142, 246
Decimal	3139062
CIELab	83.60, -37.23, -20.72
CIELCh	84, 42.609, 209.089
Yxy	63.2968, 0.2223, 0.3071
Android (android.graphics.Color)	4281329142 (0xFF2FE5F6)
YUV	176.5200, 34.2536, -113.5890
Hunter-Lab	79.5593, -36.4127, -16.5892

# Details

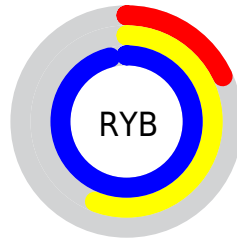
The Hex color **2FE5F6** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **F6402F**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **81FFFF**, and **00ADBE** is the 20% darker color. If you saturate the color by 10%, you get **16E3F6**, and if you desaturate by 10%, it is **48E7F6**.

# Distribution



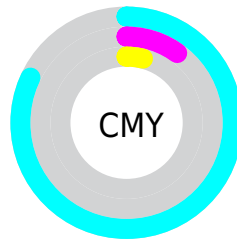
- Red (18%)
- Green (90%)
- Blue (96%)



- Red (18%)
- Yellow (56%)
- Blue (96%)



- Cyan (81%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (82%)
- Magenta (10%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2FE5F6 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 2FE5F6 by changing the saturation by 10% instead.



 2FE5F6

 2FE5F6


FFFFFF

 00C9DA

 81FFFF

 00ADBE

 A2FFFF

 0092A3

 C2FFFF

 007888

 E2FFFF

 005E6F

 004657

 002F3F

 001729

 000114

 2FE5F6

 2FE5F6


 16E3F6

 48E7F6

 00E1F6

 60E9F6

 79EBF6

 91EDF6

 AAF0F6

 C3F2F6

 DBF4F6

 F4F6F6

 FFF8F6

# Harmonies

## Analogous

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



5EE6CE



2FE5F6



50DFFF

# Triad

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



2FE5F6



FFB9FA



ECCD80

# Complementary

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



2FE5F6



F6402F

# 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.



FFC08D



2FE5F6



FFB1D3

# Square

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



2FE5F6



D3C6FF



FFB4AB



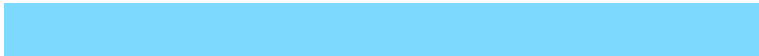
C3DA89

# Rectangle

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



2FE5F6



7ED9FF



FFB4AB



F8C982



# Sweetspot

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



2FE5F6



C2FAFF



2FF640



5B7C80



000000



808080

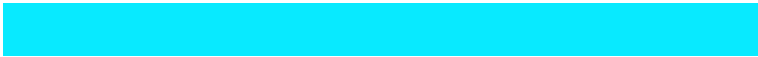


# Same Dimension

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



2FE5F6



08EAFB



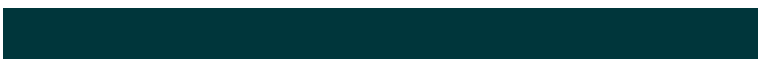
2F82F6



6E797A



00AABA



00363B



# Inverse Universe

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



F62FE5



FF08EA



F6A32F



7A6E79



BA00AA

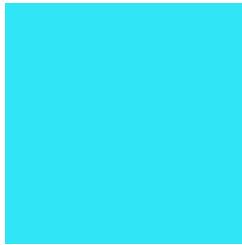


3B0036



# Previews

## White Background



This preview shows how the Hex color 2FE5F6 looks on a white background.

## Color Contrast Check

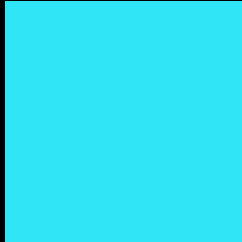
Large Text (above 18pt) WCAG AA × Fail

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 2FE5F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

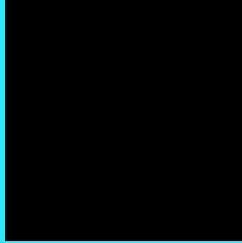
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2FE5F6 Background



This preview shows how black text looks on a background with the Hex color 2FE5F6.

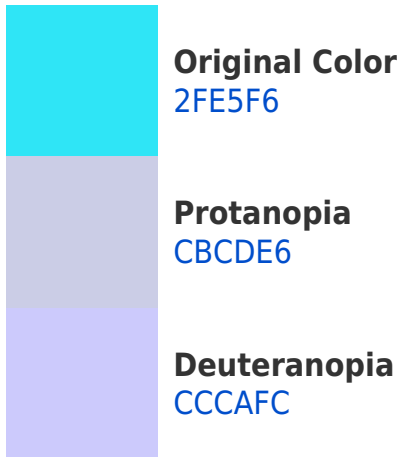


This preview shows how white text looks on a background with the Hex color 2FE5F6.

# 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



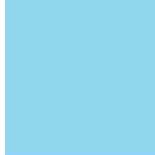


**Tritanopia**  
30E5F7

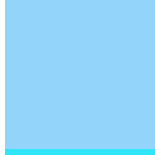
# Trichromacy



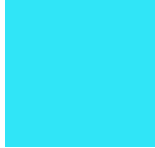
**Original Color**  
2FE5F6



**Protanomaly**  
92D6EC



**Deuteranomaly**  
93D4FA

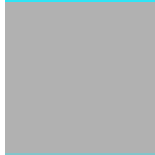


**Tritanomaly**  
30E5F7

# Monochromacy



**Original Color**  
2FE5F6



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
82C4CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2FE5F6 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 #2FE5F6 looks like.

```
.text, #text, p{  
    color:#2FE5F6  
}
```

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 #2FE5F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FE5F6
}
```

## Border

The CSS property to change the border of an element to Hex 2FE5F6 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
#2FE5F6 }
```

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

```
.border{ border-color:#2FE5F6 }
```

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

Here you see how a box with a 4 pixel #2FE5F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FE5F6; -webkit-box-shadow:4px 4px  
4px 4px #2FE5F6; box-shadow:4px 4px 4px  
4px #2FE5F6 }
```

# Background

The CSS property to change the background color of an element to Hex 2FE5F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FE5F6 }
```

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

```
.background{ background-color:#2FE5F6 }
```

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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