

# Converting Colors

Hex(2FF5E2)

Have a look what the booklet for  
Hex(2FF5E2) contains.

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# Color

Hex(2FF5E2)

# Conversions

## Conversions Part 1

Format	Color
Hex	2FF5E2
RGB	47, 245, 226
RGB Percent	18%, 96%, 89%
CMY	0.8157, 0.0392, 0.1137
CMYK	0.81, 0.00, 0.08, 0.04
HSL	174°, 91%, 57%
HSV	174°, 81%, 96%
XYZ	47.5522, 71.4001, 83.2269
YIQ	183.6320, -111.9090, -47.8850

# Conversions

## Conversions Part 2

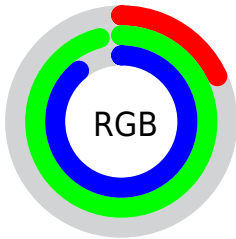
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 151, 245
Decimal	3143138
CIELab	87.68, -49.96, -4.11
CIELCh	88, 50.131, 184.701
Yxy	71.4001, 0.2352, 0.3532
Android (android.graphics.Color)	4281333218 (0xFF2FF5E2)
YUV	183.6320, 20.8874, -119.8263
Hunter-Lab	84.4986, -47.4205, 0.7514

# Details

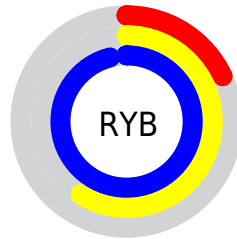
The Hex color **2FF5E2** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **F52F42**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **81FFFF**, and **00BCAB** is the 20% darker color. If you saturate the color by 10%, you get **16F5E0**, and if you desaturate by 10%, it is **48F5E4**.

# Distribution



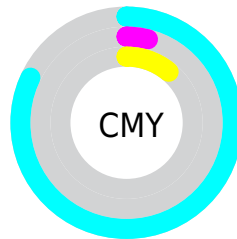
- Red (18%)
- Green (96%)
- Blue (89%)



- Red (18%)
- Yellow (59%)
- Blue (96%)



- Cyan (81%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



- Cyan (82%)
- Magenta (4%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2FF5E2 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 2FF5E2 by changing the saturation by 10% instead.



 2FF5E2

 2FF5E2

FFFFFF

 00D8C6

 81FFFF

 00BCAB

 A2FFFF

 00A090

 C3FFFF

 008577

 E2FFFF

 006B5E

 005247

 003930

 00231C

 000000

 2FF5E2

 2FF5E2

 16F5E0

 48F5E4

 00F5DD

 60F5E7

 79F5E9

 91F5EB

 AAF5EE

 C2F5F0

 DBF5F2

 F3F5F5

 FFF5F7

# Harmonies

## Analogous

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



85F2B1



2FF5E2



00F3FF

# Triad

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



2FF5E2



EBCDFE



FFC886

# Complementary

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



2FF5E2



F52F42

# 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.



FFBCA8



2FF5E2



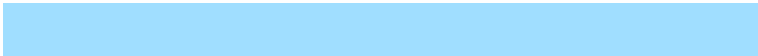
FFBDFD

# Square

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



2FF5E2



A0DEFF



FFB6D6



F3DB7B

# Rectangle

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



2FF5E2



00EFFF



FFB6D6



FFC58F

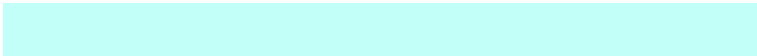


# Sweetspot

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



2FF5E2



C2FFF9



43F52F



5B807C



000000



808080



# Same Dimension

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



2FF5E2



08FFE7



2FA6F5



6E7A79



00BAA8



003B35



# Inverse Universe

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



F52F42



FF081F



F57E2F



7A6E6F



BA0012

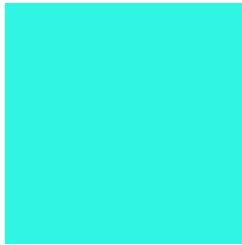


3B0006



# Previews

## White Background



This preview shows how the Hex color 2FF5E2 looks on a white background.

## Color Contrast Check

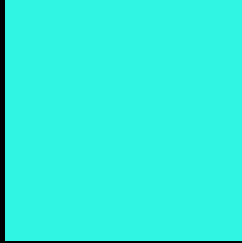
Large Text (above 18pt) WCAG AA × Fail

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 2FF5E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

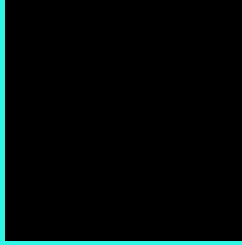
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2FF5E2 Background



This preview shows how black text looks on a background with the Hex color 2FF5E2.

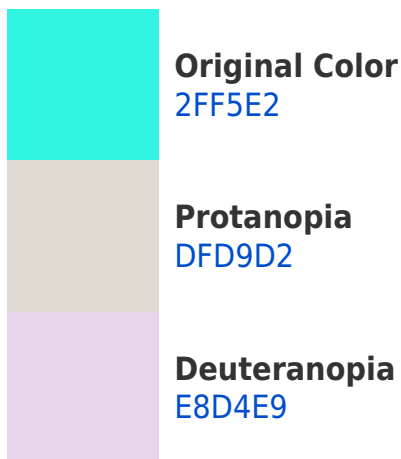


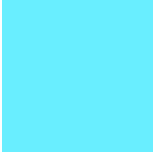
This preview shows how white text looks on a background with the Hex color 2FF5E2.

# 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](#).

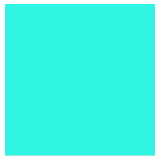
## Dichromacy





**Tritanopia**  
69EEFF

# Trichromacy



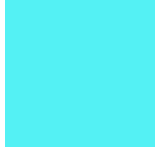
**Original Color**  
2FF5E2



**Protanomaly**  
9FE3D8



**Deuteranomaly**  
A5E0E6

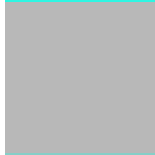


**Tritanomaly**  
54F1F4

# Monochromacy



**Original Color**  
2FF5E2



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
86CEC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2FF5E2 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 #2FF5E2 looks like.

```
.text, #text, p{  
    color:#2FF5E2  
}
```

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 #2FF5E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FF5E2
}
```

## Border

The CSS property to change the border of an element to Hex 2FF5E2 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
#2FF5E2 }
```

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

```
.border{ border-color:#2FF5E2 }
```

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

Here you see how a box with a 4 pixel #2FF5E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FF5E2; -webkit-box-shadow:4px 4px  
4px 4px #2FF5E2; box-shadow:4px 4px 4px  
4px #2FF5E2 }
```

# Background

The CSS property to change the background color of an element to Hex 2FF5E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FF5E2 }
```

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

```
.background{ background-color:#2FF5E2 }
```

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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