

Converting Colors

Hex(2FD7ED)

Have a look what the booklet for
Hex(2FD7ED) contains.

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Color

Hex(2FD7ED)

Conversions

Conversions Part 1

Format	Color
Hex	2FD7ED
RGB	47, 215, 237
RGB Percent	18%, 84%, 93%
CMY	0.8157, 0.1569, 0.0706
CMYK	0.80, 0.09, 0.00, 0.07
HSL	187°, 84%, 56%
HSV	187°, 80%, 93%
XYZ	40.7588, 55.3196, 88.6503
YIQ	167.2760, -107.1900, -28.7740

Conversions

Conversions Part 2

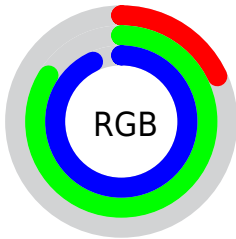
Format	Color
R_{YB}	47, 136, 237
Decimal	3135469
CIE _{Lab}	79.23, -33.40, -22.57
CIE _{LCh}	79, 40.316, 214.049
Yxy	55.3196, 0.2206, 0.2995
Android (android.graphics.Color)	4281325549 (0xFF2FD7ED)
YUV	167.2760, 34.3739, -105.4821
Hunter-Lab	74.3772, -32.3418, -18.6039

Details

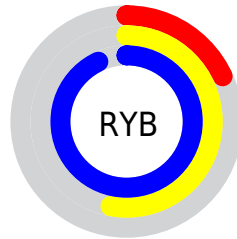
The Hex color **2FD7ED** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **ED452F**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **7EFFFF**, and **00A0B5** is the 20% darker color. If you saturate the color by 10%, you get **17D4ED**, and if you desaturate by 10%, it is **47DAED**.

Distribution



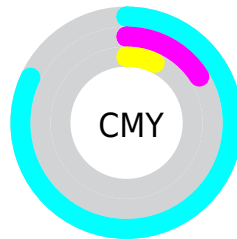
- Red (18%)
- Green (84%)
- Blue (93%)



- Red (18%)
- Yellow (53%)
- Blue (93%)



- Cyan (80%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (82%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FD7ED 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 2FD7ED by changing the saturation by 10% instead.

 2FD7ED

 2FD7ED

FFFFFF

 00BBD1

 7EFFFF

 00A0B5

 9FFFFFF

 00859A

 BEFFFF

 006C80

 DEFFFF

 005367

FEFFFF

 003B4F

 002638

 000223

 00000A

 2FD7ED

 2FD7ED

 17D4ED

 47DAED

 00D2ED

 5EDCED

 76DFED

 8EE2ED

 A5E5ED

 BDE7ED

 D5EAED

 EDEDED

 FFF0ED

Harmonies

Analogous

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



52D8C8



2FD7ED



58D1FF

Triad

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



2FD7ED



F8ACE6



D8C479

Complementary

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



2FD7ED



ED452F

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.



F8B782



2FD7ED



FFA7C0

Square

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



2FD7ED



CFB9FF



FFAB9C



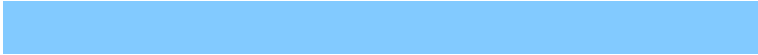
B0CE85

Rectangle

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



2FD7ED



82CAFF



FFAB9C



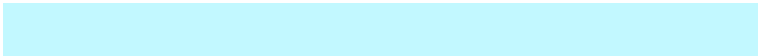
E4BF79

Sweetspot

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



2FD7ED



C2F8FF



2FED42



5B7B80



000000



808080

Same Dimension

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



2FD7ED



0AE3FF



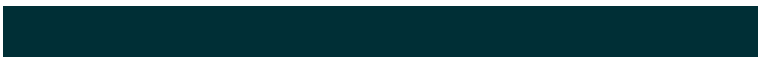
2F7BED



6A7475



00A0B5



002F36

Inverse Universe

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



ED2FD7



FF0AE3



EDA12F



756A74



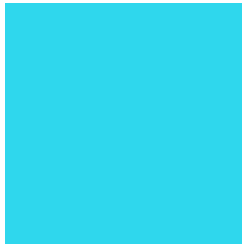
B500A0



36002F

Previews

White Background



This preview shows how the Hex color 2FD7ED looks on a white background.

Color Contrast Check

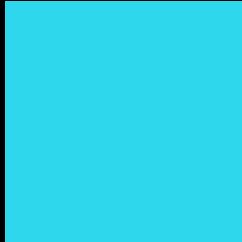
Large Text (above 18pt) WCAG AA × Fail

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 2FD7ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

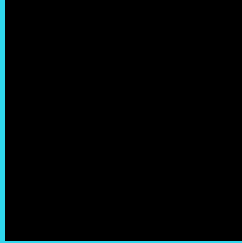
Any Text WCAG AA ✓ Pass

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 2FD7ED Background



This preview shows how black text looks on a background with the Hex color 2FD7ED.

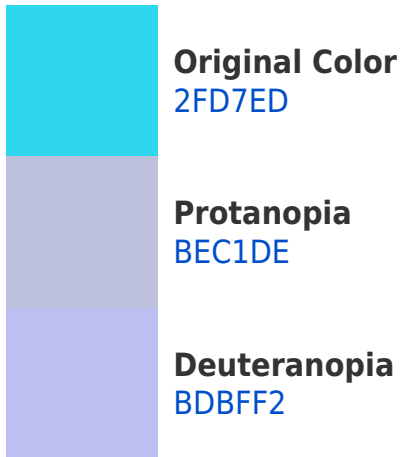


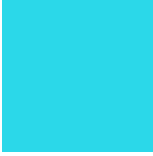
This preview shows how white text looks on a background with the Hex color 2FD7ED.

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



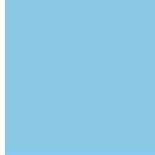


Tritanopia
2BD8E9

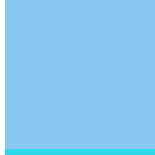
Trichromacy



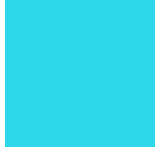
Original Color
2FD7ED



Protanomaly
8AC9E3



Deuteranomaly
89C8F0



Tritanomaly
2CD8EA

Monochromacy



Original Color
2FD7ED



Achromatopsia
A7A7A7



Achromatomaly
7BB8C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FD7ED 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 #2FD7ED looks like.

```
.text, #text, p{  
    color:#2FD7ED  
}
```

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 #2FD7ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FD7ED
}
```

Border

The CSS property to change the border of an element to Hex 2FD7ED 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
#2FD7ED }
```

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

```
.border{ border-color:#2FD7ED }
```

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

Here you see how a box with a 4 pixel #2FD7ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FD7ED; -webkit-box-shadow:4px 4px  
4px 4px #2FD7ED; box-shadow:4px 4px 4px  
4px #2FD7ED }
```

Background

The CSS property to change the background color of an element to Hex 2FD7ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FD7ED }
```

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

```
.background{ background-color:#2FD7ED }
```

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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