

# Converting Colors

Hex(2FD1EC)

Have a look what the booklet for  
Hex(2FD1EC) contains.

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**Color**

**Hex(2FD1EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FD1EC
RGB	47, 209, 236
RGB Percent	18%, 82%, 93%
CMY	0.8157, 0.1804, 0.0745
CMYK	0.80, 0.11, 0.00, 0.07
HSL	189°, 83%, 55%
HSV	189°, 80%, 93%
XYZ	39.1131, 52.2614, 87.3829
YIQ	163.6400, -105.2190, -25.9470

# Conversions

## Conversions Part 2

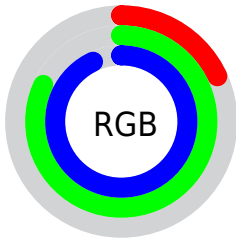
Format	Color
RYP	47, 134, 236
Decimal	3133932
CIELab	77.44, -30.84, -24.76
CIElCh	77, 39.551, 218.760
Yxy	52.2614, 0.2188, 0.2924
Android (android.graphics.Color)	4281324012 (0xFF2FD1EC)
YUV	163.6400, 35.6735, -102.2933
Hunter-Lab	72.2920, -29.9350, -21.0622

# Details

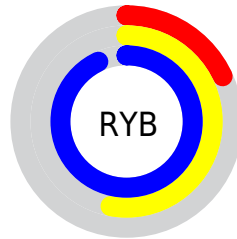
The Hex color **2FD1EC** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **EC4A2F**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **7DFFFF**, and **009AB4** is the 20% darker color. If you saturate the color by 10%, you get **17CEEC**, and if you desaturate by 10%, it is **47D4EC**.

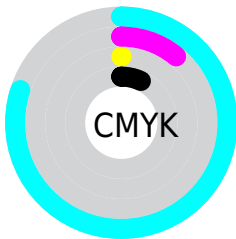
# Distribution



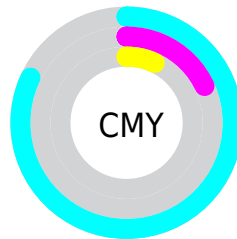
- Red (18%)
- Green (82%)
- Blue (93%)



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



- Cyan (80%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (82%)
- Magenta (18%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2FD1EC 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 2FD1EC by changing the saturation by 10% instead.



 2FD1EC

 2FD1EC

FFFFFF

 00B5D0

 7DFFFF

 009AB4

 9EFFFF

 008099

 BDFFFF

 00667F

 DDFFFF

 004E66

 FCFFFF

 00364E

 002337

 000222

 000008

 2FD1EC

 2FD1EC

 17CEEC

 47D4EC

 00CAEC

 5ED8EC

 76DBEC

 8DDEEC

 A5E2EC

 BDE5EC

 D4E9EC

 ECECEC

 FFEFEC

# Harmonies

## Analogous

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



48D3C9



2FD1EC



5FCAFF

# Triad

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



2FD1EC



F6A7DB



CDC176

# Complementary

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



2FD1EC



EC4A2F

# 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.



EEB47C



2FD1EC



FFA3B6

# Square

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



2FD1EC



D2B2F9



FFA893



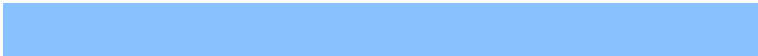
A5CB85

# Rectangle

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



2FD1EC



88C3FF



FFA893



D9BD76

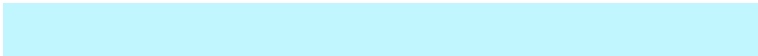


# Sweetspot

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



2FD1EC



C2F6FF



2FEC48



5B7A80



000000



808080

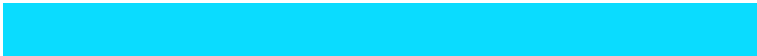


# Same Dimension

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



2FD1EC



0ADCFE



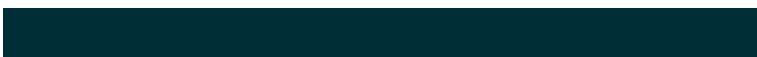
2F74EC



6A7475



009BB5



002E36



# Inverse Universe

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



EC2FD1



FF0ADC



ECA72F



756A74



B5009B

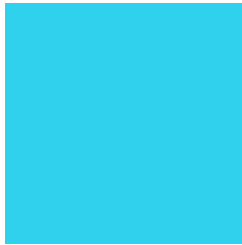


36002E



# Previews

## White Background



This preview shows how the Hex color 2FD1EC looks on a white background.

## Color Contrast Check

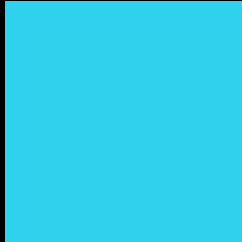
Large Text (above 18pt) WCAG AA × Fail

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 2FD1EC 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 2FD1EC Background



This preview shows how black text looks on a background with the Hex color 2FD1EC.

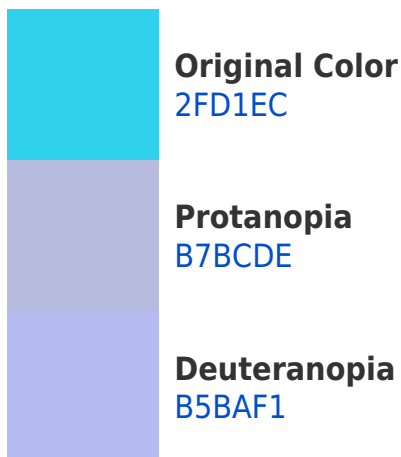


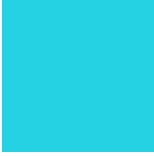
This preview shows how white text looks on a background with the Hex color 2FD1EC.

# 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](#).

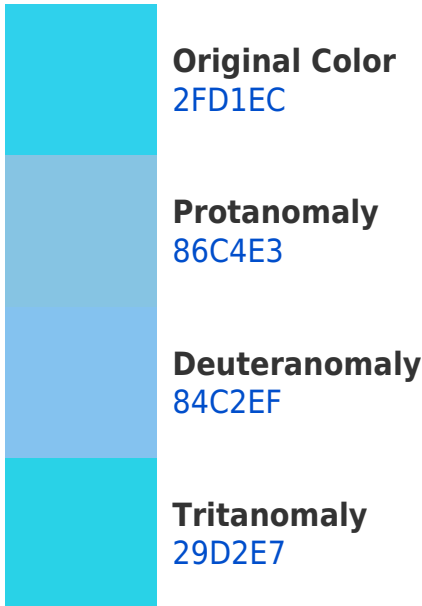
## Dichromacy



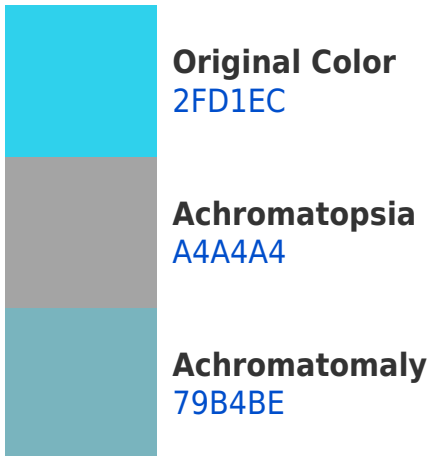


**Tritanopia**  
25D2E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2FD1EC 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 #2FD1EC looks like.

```
.text, #text, p{  
    color:#2FD1EC  
}
```

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 #2FD1EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FD1EC
}
```

## Border

The CSS property to change the border of an element to Hex 2FD1EC 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
#2FD1EC }
```

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

```
.border{ border-color:#2FD1EC }
```

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

Here you see how a box with a 4 pixel #2FD1EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FD1EC; -webkit-box-shadow:4px 4px  
4px 4px #2FD1EC; box-shadow:4px 4px 4px  
4px #2FD1EC }
```

# Background

The CSS property to change the background color of an element to Hex 2FD1EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FD1EC }
```

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

```
.background{ background-color:#2FD1EC }
```

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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