

# Converting Colors

Hex(28F9ED)

Have a look what the booklet for  
Hex(28F9ED) contains.

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# Color

**Hex(28F9ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28F9ED
RGB	40, 249, 237
RGB Percent	16%, 98%, 93%
CMY	0.8431, 0.0235, 0.0706
CMYK	0.84, 0.00, 0.05, 0.02
HSL	177°, 95%, 57%
HSV	177°, 84%, 98%
XYZ	50.0368, 74.3169, 91.8281
YIQ	185.1410, -120.7120, -48.0400

# Conversions

## Conversions Part 2

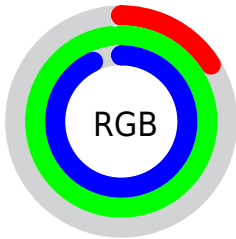
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 148, 249
Decimal	2685421
CIELab	89.07, -49.17, -7.80
CIELCh	89, 49.785, 189.015
Yxy	74.3169, 0.2315, 0.3438
Android (android.graphics.Color)	4280875501 (0xFF28F9ED)
YUV	185.1410, 25.5665, -127.2887
Hunter-Lab	86.2073, -47.2569, -2.8108

# Details

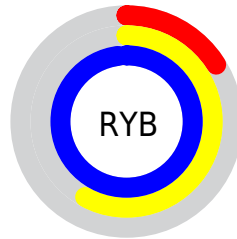
The Hex color **28F9ED** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **F92834**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **7FFFFFFF**, and **00C0B5** is the 20% darker color. If you saturate the color by 10%, you get **0FF9EC**, and if you desaturate by 10%, it is **41F9EE**.

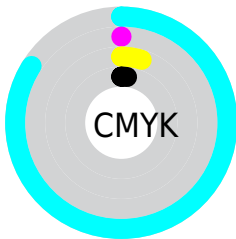
# Distribution



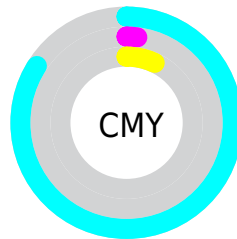
- Red (16%)
- Green (98%)
- Blue (93%)



- Red (16%)
- Yellow (58%)
- Blue (98%)



- Cyan (84%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



- Cyan (84%)
- Magenta (2%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 28F9ED 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 28F9ED by changing the saturation by 10% instead.



 28F9ED

 28F9ED

FFFFFF

 00DCD1

 7FFFFFFF

 00C0B5

 A1FFFF

 00A49A

 C2FFFF

 008981

 E3FFFF

 006F68

 005550

 003C39

 002623

 00010F

 28F9ED

 28F9ED

 0FF9EC

 41F9EE

 00F9EB

 5AF9F0

 73F9F1

 8CF9F3

 A4F9F4

 BDF9F6

 D6F9F7

 EFF9F8

 FFF9FA

# Harmonies

## Analogous

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



80F6BC



28F9ED



00F6FF

# Triad

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



28F9ED



F8CEFF



FFD187

# Complementary

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



28F9ED



F92834

# 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.



FFC2A6



28F9ED



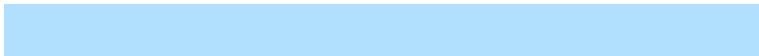
FFBFFF

# Square

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



28F9ED



B1E0FF



FFBAD3



F0E280

# Rectangle

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



28F9ED



25F1FF



FFBAD3



FFCC90



# Sweetspot

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



28F9ED



BFFFFB



36F928



59807D



000000



808080



# Same Dimension

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



28F9ED



00FFF0



289EF9



707D7C



00BDB2



003D3A



# Inverse Universe

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



F92834



FF000F



F98328



7D7071



BD000B

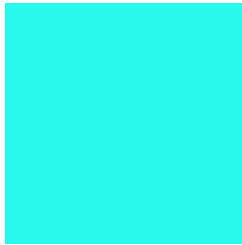


3D0004



# Previews

## White Background



This preview shows how the Hex color 28F9ED looks on a white background.

## Color Contrast Check

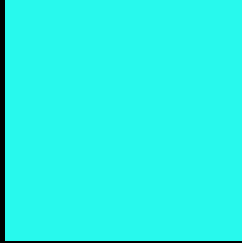
Large Text (above 18pt) WCAG AA × Fail

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 28F9ED 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

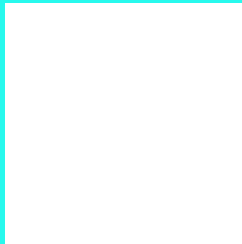
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 28F9ED Background



This preview shows how black text looks on a background with the Hex color 28F9ED.

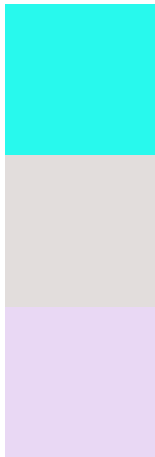


This preview shows how white text looks on a background with the Hex color 28F9ED.

# 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](#).

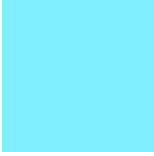
## Dichromacy



**Original Color**  
28F9ED

**Protanopia**  
E2DDDC

**Deuteranopia**  
E9D8F4

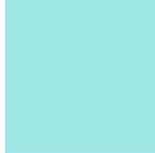


**Tritanopia**  
80EFFF

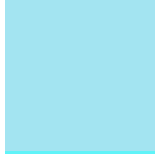
# Trichromacy



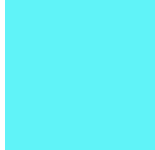
**Original Color**  
28F9ED



**Protanomaly**  
9EE7E2



**Deuteranomaly**  
A3E4F1

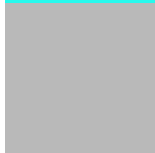


**Tritanomaly**  
60F3F8

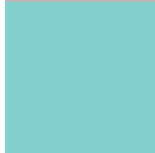
# Monochromacy



**Original Color**  
28F9ED



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
84D0CC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 28F9ED 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 #28F9ED looks like.

```
.text, #text, p{  
    color:#28F9ED  
}
```

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 #28F9ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28F9ED
}
```

## Border

The CSS property to change the border of an element to Hex 28F9ED 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
#28F9ED }
```

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

```
.border{ border-color:#28F9ED }
```

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

Here you see how a box with a 4 pixel #28F9ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28F9ED; -webkit-box-shadow:4px 4px  
4px 4px #28F9ED; box-shadow:4px 4px 4px  
4px #28F9ED }
```

# Background

The CSS property to change the background color of an element to Hex 28F9ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28F9ED }
```

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

```
.background{ background-color:#28F9ED }
```

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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