

# Converting Colors

Hex(17DFF1)

Have a look what the booklet for  
Hex(17DFF1) contains.

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# **Color**

**Hex(17DFF1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17DFF1
RGB	23, 223, 241
RGB Percent	9%, 87%, 95%
CMY	0.9098, 0.1255, 0.0549
CMYK	0.90, 0.07, 0.00, 0.05
HSL	185°, 89%, 52%
HSV	185°, 90%, 95%
XYZ	42.6182, 59.3084, 92.4205
YIQ	165.2520, -124.9780, -36.8020

# Conversions

## Conversions Part 2

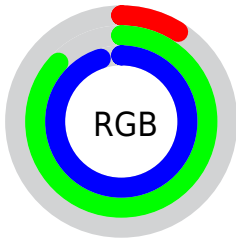
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	23, 127, 241
Decimal	1564657
CIE Lab	81.46, -37.39, -21.33
CIE LCh	81, 43.048, 209.701
Yxy	59.3084, 0.2193, 0.3052
Android (android.graphics.Color)	4279754737 (0xFF17DFF1)
YUV	165.2520, 37.3438, -124.7550
Hunter-Lab	77.0119, -35.9894, -17.2444

# Details

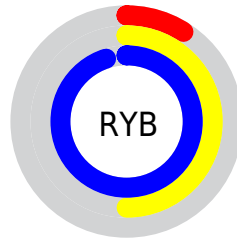
The Hex color **17DFF1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F12917**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **77FFFF**, and **00A7B9** is the 20% darker color. If you saturate the color by 10%, you get **00DDF1**, and if you desaturate by 10%, it is **2FE1F1**.

# Distribution



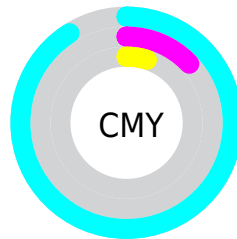
- Red (9%)
- Green (87%)
- Blue (95%)



- Red (9%)
- Yellow (50%)
- Blue (95%)



- Cyan (90%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (91%)
- Magenta (13%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17DFF1 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 17DFF1 by changing the saturation by 10% instead.



 17DFF1

 17DFF1

FFFFFF

 00C3D5

 77FFFF

 00A7B9

 99FFFF

 008C9E

 B9FFFF

 007284

 D9FFFF


 00596B

 F9FFFF

 004152

 002B3B

 000C26

 00010F

■ 17DFF1

■ 17DFF1

■ 00DDF1

■ 2FE1F1

■ 47E3F1

■ 5FE5F1

■ 77E7F1

■ 8FE9F1

■ A8EBF1

■ C0EDF1

■ D8EFF1

■ F0F1F1

# Harmonies

## Analogous

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



54E0C9



17DFF1



45D9FF

# Triad

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



17DFF1



FDB2F4



E5C879

# Complementary

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



17DFF1



F12917

# 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.



FFBA86



17DFF1



FFABCC

# Square

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



17DFF1



CEC0FF



FFAEA5



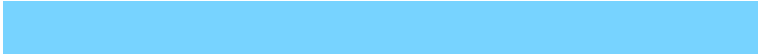
BBD483

# Rectangle

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



17DFF1



77D3FF



FFAEA5



F1C37B



# Sweetspot

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



17DFF1



BAF9FF



17F126



577C80



000000

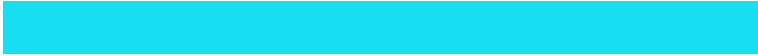


808080



# Same Dimension

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



17DFF1



00EAFB



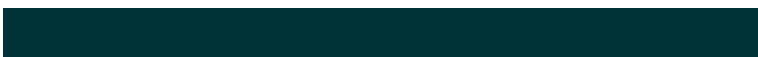
1775F1



6C7778



00A8B8



003338



# Inverse Universe

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



F117DF



FF00EA



F19317



786C77



B800A8

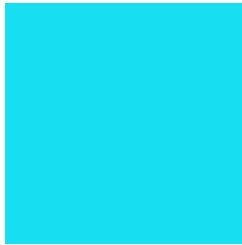


380033



# Previews

## White Background



This preview shows how the Hex color 17DFF1 looks on a white background.

## Color Contrast Check

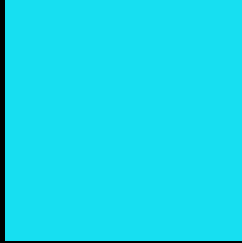
Large Text (above 18pt) WCAG AA × Fail

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 17DFF1 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 17DFF1 Background



This preview shows how black text looks on a background with the Hex color 17DFF1.

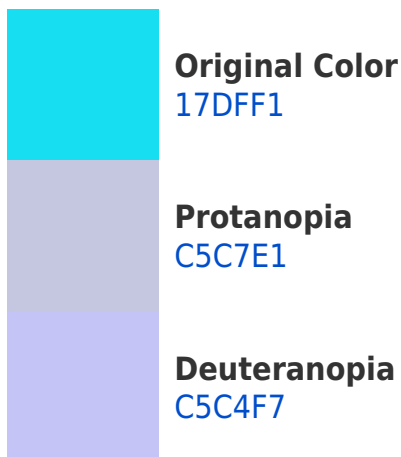


This preview shows how white text looks on a background with the Hex color 17DFF1.

# 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](#).

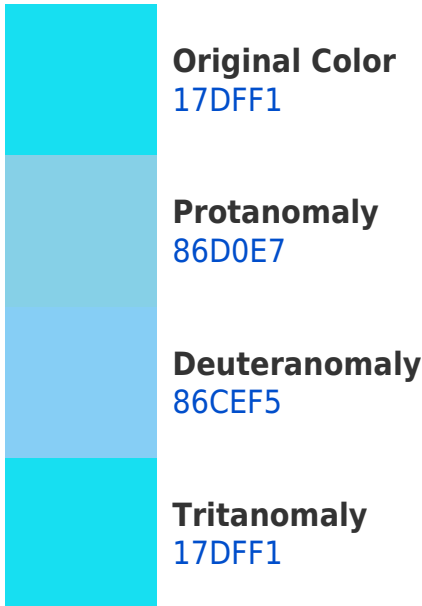
## Dichromacy



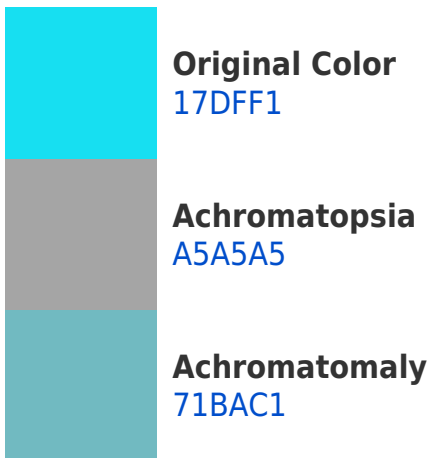


**Tritanopia**  
17DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17DFF1 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 #17DFF1 looks like.

```
.text, #text, p{  
    color:#17DFF1  
}
```

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 #17DFF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17DFF1  
}
```

## Border

The CSS property to change the border of an element to Hex 17DFF1 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  
#17DFF1 }
```

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

```
.border{ border-color:#17DFF1 }
```

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

Here you see how a box with a 4 pixel #17DFF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17DFF1; -webkit-box-shadow:4px 4px  
4px 4px #17DFF1; box-shadow:4px 4px 4px  
4px #17DFF1 }
```

# Background

The CSS property to change the background color of an element to Hex 17DFF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17DFF1 }
```

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

```
.background{ background-color:#17DFF1 }
```

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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