

# Converting Colors

Hex(17B9F4)

Have a look what the booklet for  
Hex(17B9F4) contains.

<b>Hex(17B9F4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(17B9F4)

# Conversions

## Conversions Part 1

Format	Color
Hex	17B9F4
RGB	23, 185, 244
RGB Percent	9%, 73%, 96%
CMY	0.9098, 0.2745, 0.0431
CMYK	0.91, 0.24, 0.00, 0.04
HSL	196°, 91%, 52%
HSV	196°, 91%, 96%
XYZ	34.0314, 41.4117, 91.7876
YIQ	143.2880, -115.4910, -15.9950

# Conversions

## Conversions Part 2

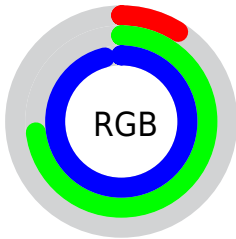
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	23, 116, 244
Decimal	1554932
CIE Lab	70.46, -17.64, -39.86
CIE LCh	70, 43.587, 246.124
Yxy	41.4117, 0.2035, 0.2476
Android (android.graphics.Color)	4279745012 (0xFF17B9F4)
YUV	143.2880, 49.6510, -105.4926
Hunter-Lab	64.3520, -18.2192, -39.5212

# Details

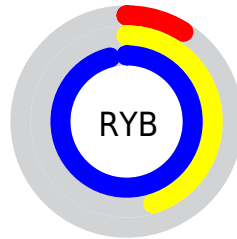
The Hex color **17B9F4** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **F45217**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **73F1FF**, and **0084BB** is the 20% darker color. If you saturate the color by 10%, you get **00B3F4**, and if you desaturate by 10%, it is **2FC0F4**.

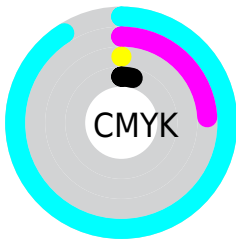
# Distribution



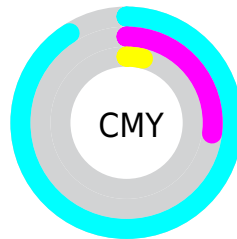
- Red (9%)
- Green (73%)
- Blue (96%)



- Red (9%)
- Yellow (45%)
- Blue (96%)



- Cyan (91%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (91%)
- Magenta (27%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17B9F4 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 17B9F4 by changing the saturation by 10% instead.



 17B9F4

 17B9F4

FFFFFF

 009ED7

 73F1FF

 0084BB

 95FFFF

 006BA0

 B5FFFF

 005286

 D4FFFF

 003B6C

 F4FFFF

 002654

 00093C

 000226

 00010E

■ 17B9F4

■ 17B9F4

■ 00B3F4

■ 2FC0F4

■ 48C6F4

■ 60CDF4

■ 79D3F4

■ 91DAF4

■ A9E0F4

■ C2E7F4

■ DAEDF4

■ F3F4F4

# Harmonies

## Analogous

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



00BFDA



17B9F4



7DAEFB

# Triad

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



17B9F4



F78CA6



93B86B

# Complementary

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



17B9F4



F45217

# 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.



BDAD5C



17B9F4



F49280

# Square

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



17B9F4



E492CD



DF9F64



60BF8B

# Rectangle

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



17B9F4



A8A4F3



DF9F64



A2B463

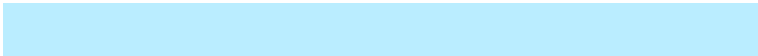


# Sweetspot

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



17B9F4



BAEDFF



17F452



577580



000000



808080

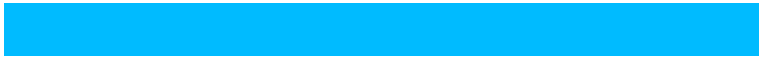


# Same Dimension

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



17B9F4



00BBFF



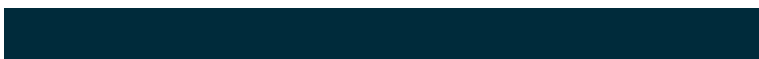
174BF4



6E777A



0088BA



002B3B



# Inverse Universe

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



F417B9



FF00BB



F4C017



7A6E77



BA0088

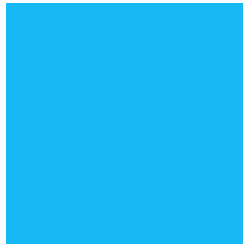


3B002B



# Previews

## White Background



This preview shows how the Hex color 17B9F4 looks on a white background.

## Color Contrast Check

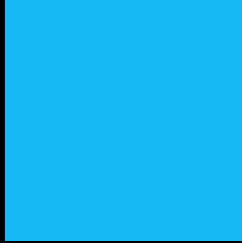
Large Text (above 18pt) WCAG AA × Fail

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 17B9F4 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

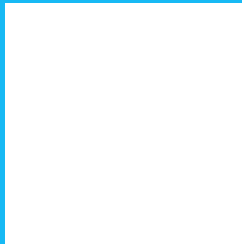
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 17B9F4 Background



This preview shows how black text looks on a background with the Hex color 17B9F4.

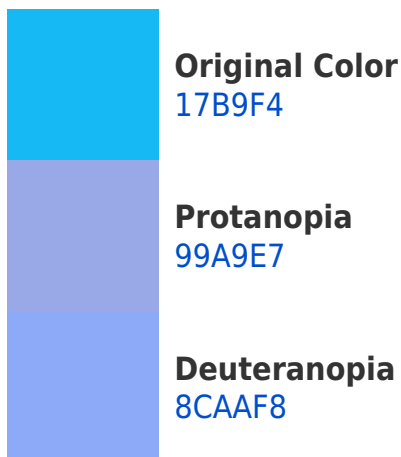


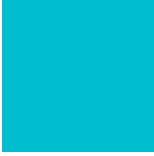
This preview shows how white text looks on a background with the Hex color 17B9F4.

# Color Blindness Simulation

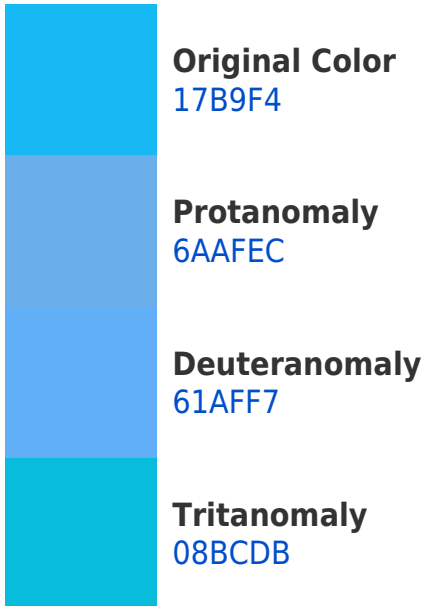
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17B9F4 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 #17B9F4 looks like.

```
.text, #text, p{  
    color:#17B9F4  
}
```

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 #17B9F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17B9F4
}
```

## Border

The CSS property to change the border of an element to Hex 17B9F4 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
#17B9F4 }
```

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

```
.border{ border-color:#17B9F4 }
```

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

Here you see how a box with a 4 pixel #17B9F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17B9F4; -webkit-box-shadow:4px 4px  
4px 4px #17B9F4; box-shadow:4px 4px 4px  
4px #17B9F4 }
```

# Background

The CSS property to change the background color of an element to Hex 17B9F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17B9F4 }
```

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

```
.background{ background-color:#17B9F4 }
```

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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