

Converting Colors

Hex(17B2FF)

Have a look what the booklet for
Hex(17B2FF) contains.

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Color

Hex(17B2FF)

Conversions

Conversions Part 1

Format	Color
Hex	17B2FF
RGB	23, 178, 255
RGB Percent	9%, 70%, 100%
CMY	0.9098, 0.3020, 0.0000
CMYK	0.91, 0.30, 0.00, 0.00
HSL	200°, 100%, 55%
HSV	200°, 91%, 100%
XYZ	34.3237, 39.2429, 100.3733
YIQ	140.4330, -117.0970, -8.9130

Conversions

Conversions Part 2

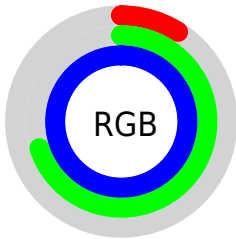
Format	Color
R _Y B	23, 116, 255
Decimal	1553151
CIE Lab	68.93, -10.01, -48.22
CIE LCh	69, 49.249, 258.279
Yxy	39.2429, 0.1973, 0.2256
Android (android.graphics.Color)	4279743231 (0xFF17B2FF)
YUV	140.4330, 56.4815, -102.9887
Hunter-Lab	62.6442, -11.8244, -51.1481

Details

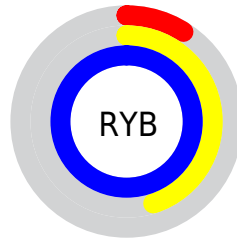
The Hex color **17B2FF** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **FF6417**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **75EAFF**, and **007EC6** is the 20% darker color. If you saturate the color by 10%, you get **00AAFF**, and if you desaturate by 10%, it is **31BAFF**.

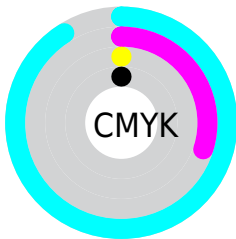
Distribution



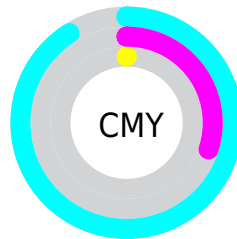
- Red (9%)
- Green (70%)
- Blue (100%)



- Red (9%)
- Yellow (45%)
- Blue (100%)



- Cyan (91%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17B2FF 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 17B2FF by changing the saturation by 10% instead.

 17B2FF

 17B2FF

FFFFFF

 0097E2

 75EAFF

 007EC6

 97FFFF

 0065AA

 B7FFFF

 004D8F

 D7FFFF

 003775

 F7FFFF

 00225C

 000844

 00032D

 000117

 17B2FF

 17B2FF

 00AAFF

 31BAFF

 4AC3FF

 63CBFF

 7DD4FF

 96DCFF

 B0E5FF

 CAEDFF

 E3F6FF

 FCFEFF

Harmonies

Analogous

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



00BBEA



17B2FF



8FA3FD

Triad

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



17B2FF



FD848F



75B86B

Complementary

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



17B2FF



FF6417

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.



A8AE50



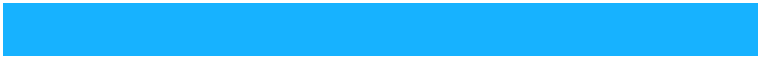
17B2FF



F08F67

Square

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



17B2FF



F285BC



D2A04F



22BE95

Rectangle

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



17B2FF



BC98EE



D2A04F



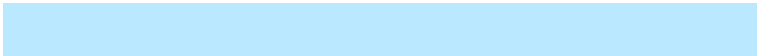
87B560

Sweetspot

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



17B2FF



BAE8FF



17FF60



577280



000000



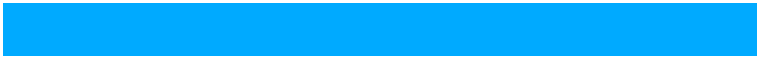
808080

Same Dimension

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



17B2FF



00AAFF



1742FF



737B80



0080BF



002B40

Inverse Universe

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



FF17B2



FF00AA



FFD417



80737B



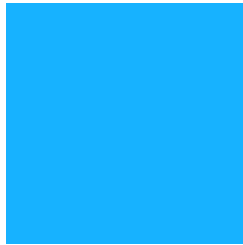
BF0080



40002B

Previews

White Background



This preview shows how the Hex color 17B2FF looks on a white background.

Color Contrast Check

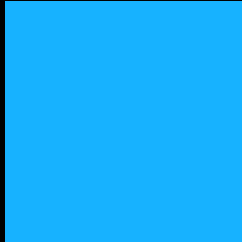
Large Text (above 18pt) WCAG AA × Fail

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 17B2FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

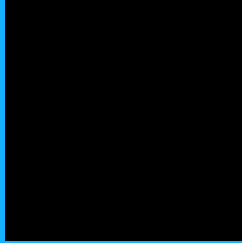
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

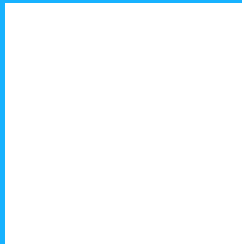
Any Text WCAG AAA ✓ Pass

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

Hex 17B2FF Background



This preview shows how black text looks on a background with the Hex color 17B2FF.

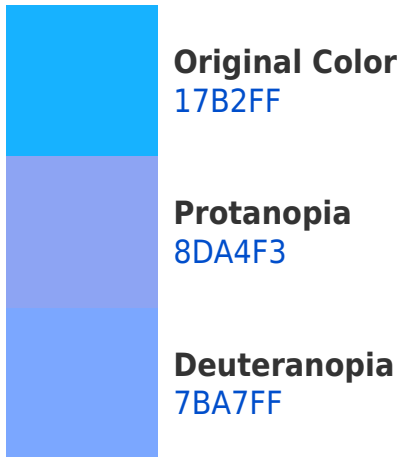


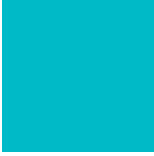
This preview shows how white text looks on a background with the Hex color 17B2FF.

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](#).

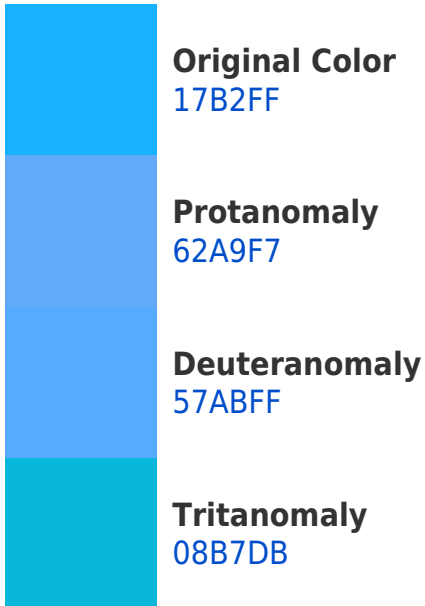
Dichromacy





Tritanopia
00BAC7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 17B2FF 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 #17B2FF looks like.

```
.text, #text, p{  
    color:#17B2FF  
}
```

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 #17B2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17B2FF
}
```

Border

The CSS property to change the border of an element to Hex 17B2FF 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
#17B2FF }
```

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

```
.border{ border-color:#17B2FF }
```

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

Here you see how a box with a 4 pixel #17B2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17B2FF; -webkit-box-shadow:4px 4px  
4px 4px #17B2FF; box-shadow:4px 4px 4px  
4px #17B2FF }
```

Background

The CSS property to change the background color of an element to Hex 17B2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17B2FF }
```

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

```
.background{ background-color:#17B2FF }
```

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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