

Converting Colors

Hex(15B6F8)

Have a look what the booklet for
Hex(15B6F8) contains.

Hex(15B6F8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(15B6F8)

Conversions

Conversions Part 1

Format	Color
Hex	15B6F8
RGB	21, 182, 248
RGB Percent	8%, 71%, 97%
CMY	0.9176, 0.2863, 0.0275
CMYK	0.92, 0.27, 0.00, 0.03
HSL	197°, 94%, 53%
HSV	197°, 92%, 97%
XYZ	33.9805, 40.3926, 94.8125
YIQ	141.3850, -117.1420, -13.6060

Conversions

Conversions Part 2

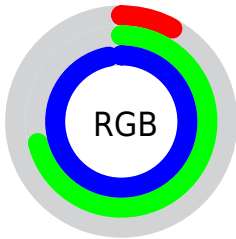
Format	Color
R _Y B	21, 115, 248
Decimal	1423096
CIE Lab	69.75, -14.74, -43.14
CIE LCh	70, 45.590, 251.141
Yxy	40.3926, 0.2008, 0.2387
Android (android.graphics.Color)	4279613176 (0xFF15B6F8)
YUV	141.3850, 52.5612, -105.5776
Hunter-Lab	63.5552, -15.7846, -43.9610

Details

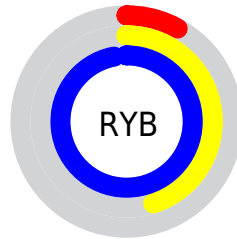
The Hex color **15B6F8** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **F85715**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **73EEFF**, and **0081BF** is the 20% darker color. If you saturate the color by 10%, you get **00B0F8**, and if you desaturate by 10%, it is **2EBDF8**.

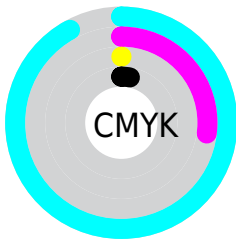
Distribution



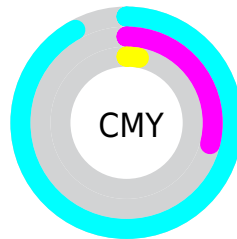
- Red (8%)
- Green (71%)
- Blue (97%)



- Red (8%)
- Yellow (45%)
- Blue (97%)



- Cyan (92%)
- Magenta (27%)
- Yellow (0%)
- Black (3%)



- Cyan (92%)
- Magenta (29%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15B6F8 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 15B6F8 by changing the saturation by 10% instead.

 15B6F8

 15B6F8

FFFFFF

 009BDB

 73EEFF

 0081BF

 95FFFF

 0068A4

 B5FFFF

 005089

 D5FFFF

 003970

 F4FFFF

 002457

 00063F

 000328

 000112

 15B6F8

 15B6F8

 00B0F8

 2EBDF8

 47C4F8

 5FCCF8

 78D3F8

 91DAF8

 AAE1F8

 C3E8F8

 DBF0F8

 F4F7F8

Harmonies

Analogous

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



00BDE0



15B6F8



84A9FB

Triad

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



15B6F8



F9899C



88B86A

Complementary

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



15B6F8



F85715

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.



B5AD57



15B6F8



F29176

Square

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



15B6F8



EA8CC6



DA9F5C



4EBE8E

Rectangle

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



15B6F8



B09FF1



DA9F5C



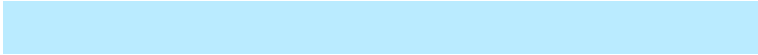
98B561

Sweetspot

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



15B6F8



BAEBFF



15F855



577480



000000



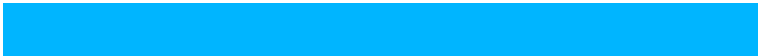
808080

Same Dimension

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



15B6F8



00B5FF



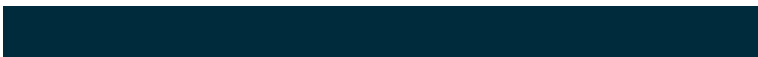
1546F8



70797D



0086BD



002B3D

Inverse Universe

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



F815B6



FF00B5



F8C715



7D7079



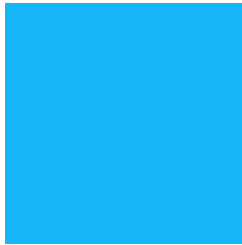
BD0086



3D002B

Previews

White Background



This preview shows how the Hex color 15B6F8 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 15B6F8 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

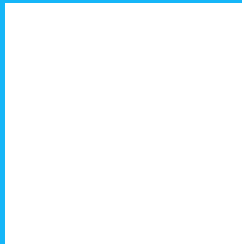
Any Text WCAG AAA ✓ Pass

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

Hex 15B6F8 Background



This preview shows how black text looks on a background with the Hex color 15B6F8.

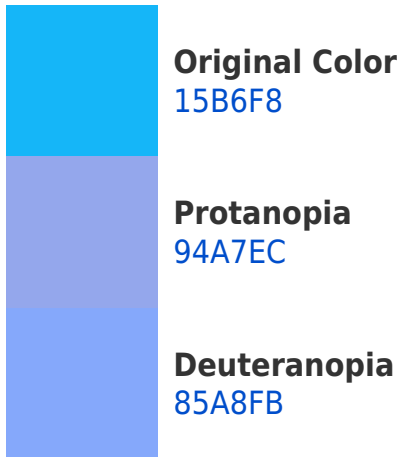


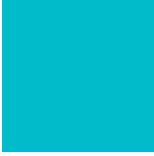
This preview shows how white text looks on a background with the Hex color 15B6F8.

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
00BCCA

Trichromacy



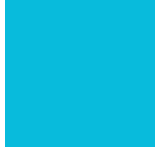
Original Color
15B6F8



Protanomaly
66ACF0



Deuteranomaly
5CADFA



Tritanomaly
08BADB

Monochromacy



Original Color
15B6F8



Achromatopsia
8D8D8D



Achromatomaly
619CB4

CSS Examples

Text

The CSS property to change the color of the text to Hex 15B6F8 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 #15B6F8 looks like.

```
.text, #text, p{  
    color:#15B6F8  
}
```

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 #15B6F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15B6F8
}
```

Border

The CSS property to change the border of an element to Hex 15B6F8 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
#15B6F8 }
```

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

```
.border{ border-color:#15B6F8 }
```

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

Here you see how a box with a 4 pixel #15B6F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15B6F8; -webkit-box-shadow:4px 4px  
4px 4px #15B6F8; box-shadow:4px 4px 4px  
4px #15B6F8 }
```

Background

The CSS property to change the background color of an element to Hex 15B6F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15B6F8 }
```

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

```
.background{ background-color:#15B6F8 }
```

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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