

Converting Colors

Hex(15BFF3)

Have a look what the booklet for
Hex(15BFF3) contains.

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Color

Hex(15BFF3)

Conversions

Conversions Part 1

Format	Color
Hex	15BFF3
RGB	21, 191, 243
RGB Percent	8%, 75%, 95%
CMY	0.9176, 0.2510, 0.0471
CMYK	0.91, 0.21, 0.00, 0.05
HSL	194°, 90%, 52%
HSV	194°, 91%, 95%
XYZ	35.1177, 43.8921, 91.4151
YIQ	146.0980, -118.0120, -19.8680

Conversions

Conversions Part 2

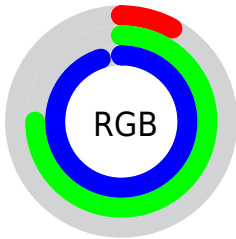
Format	Color
R _{YB}	21, 117, 243
Decimal	1425395
CIE _{Lab}	72.16, -21.20, -36.68
CIE _{LCh}	72, 42.368, 239.974
Y _{xy}	43.8921, 0.2061, 0.2575
Android (android.graphics.Color)	4279615475 (0xFF15BFF3)
YUV	146.0980, 47.7727, -109.7109
Hunter-Lab	66.2511, -21.3220, -35.4342

Details

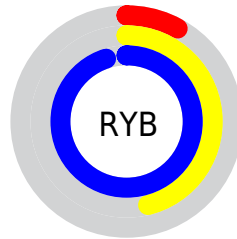
The Hex color **15BFF3** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **F34915**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **73F7FF**, and **0089BB** is the 20% darker color. If you saturate the color by 10%, you get **00BAF3**, and if you desaturate by 10%, it is **2DC5F3**.

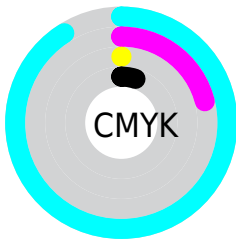
Distribution



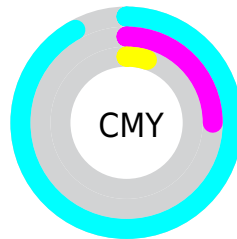
- Red (8%)
- Green (75%)
- Blue (95%)



- Red (8%)
- Yellow (46%)
- Blue (95%)



- Cyan (91%)
- Magenta (21%)
- Yellow (0%)
- Black (5%)



- Cyan (92%)
- Magenta (25%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15BFF3 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 15BFF3 by changing the saturation by 10% instead.

15BFF3

15BFF3

FFFFFF

00A4D6

73F7FF

0089BB

94FFFF

00709F

B5FFFF

005785

D4FFFF

00406C

F4FFFF

002A53

00123C

000225

00010E

■ 15BFF3

■ 15BFF3

■ 00BAF3

■ 2DC5F3

■ 46CAF3

■ 5ED0F3

■ 76D6F3

■ 8EDBF3

■ A7E1F3

■ BFE7F3

■ D7EDF3

■ F0F2F3

Harmonies

Analogous

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



00C4D6



15BFF3



75B5FE

Triad

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



15BFF3



F992B2



A2BA6C

Complementary

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



15BFF3



F34915

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.



CAAF62



15BFF3



FA968C

Square

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



15BFF3



E199D8



E9A16F



73C289

Rectangle

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



15BFF3



A1ACFA



E9A16F



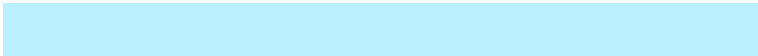
B0B766

Sweetspot

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



15BFF3



BAEFFF



15F349



577680



000000



808080

Same Dimension

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



15BFF3



00C3FF



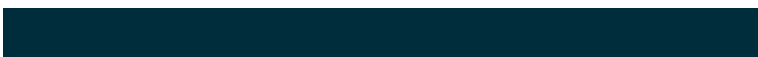
1550F3



6E787A



008FBA



002D3B

Inverse Universe

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



F315BF



FF00C3



F3B815



7A6E78



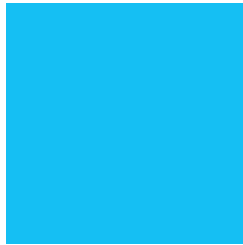
BA008F



3B002D

Previews

White Background



This preview shows how the Hex color 15BFF3 looks on a white background.

Color Contrast Check

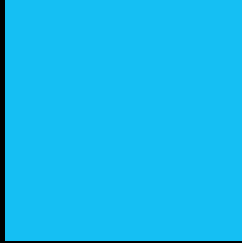
Large Text (above 18pt) WCAG AA × Fail

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 15BFF3 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

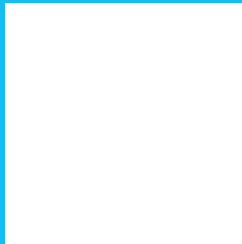
Any Text WCAG AAA ✓ Pass

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

Hex 15BFF3 Background



This preview shows how black text looks on a background with the Hex color 15BFF3.

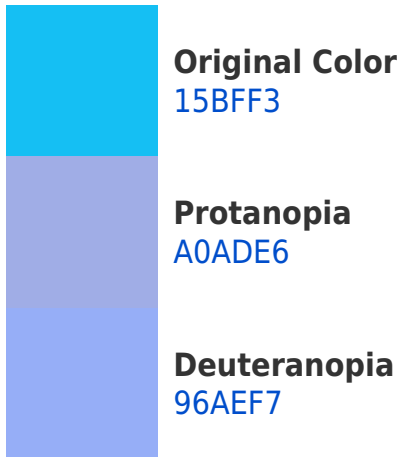


This preview shows how white text looks on a background with the Hex color 15BFF3.

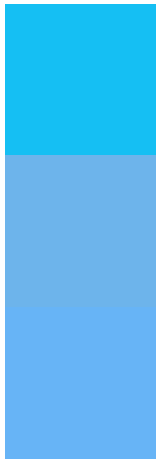
Color Blindness Simulation

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

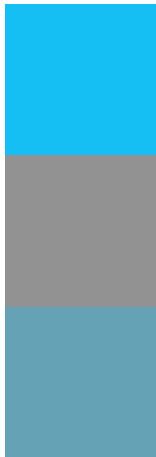


Original Color
15BFF3

Protanomaly
6DB4EB

Deuteranomaly
67B4F6

Monochromacy



Original Color
15BFF3

Achromatopsia
929292

Achromatomaly
65A2B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 15BFF3 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 #15BFF3 looks like.

```
.text, #text, p{  
    color:#15BFF3  
}
```

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 #15BFF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15BFF3
}
```

Border

The CSS property to change the border of an element to Hex 15BFF3 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
#15BFF3 }
```

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

```
.border{ border-color:#15BFF3 }
```

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

Here you see how a box with a 4 pixel #15BFF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15BFF3; -webkit-box-shadow:4px 4px  
4px 4px #15BFF3; box-shadow:4px 4px 4px  
4px #15BFF3 }
```

Background

The CSS property to change the background color of an element to Hex 15BFF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15BFF3 }
```

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

```
.background{ background-color:#15BFF3 }
```

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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