

Converting Colors

Hex(3BD1FF)

Have a look what the booklet for
Hex(3BD1FF) contains.

Hex(3BD1FF)	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(3BD1FF)

Conversions

Conversions Part 1

Format	Color
Hex	3BD1FF
RGB	59, 209, 255
RGB Percent	23%, 82%, 100%
CMY	0.7686, 0.1804, 0.0000
CMYK	0.77, 0.18, 0.00, 0.00
HSL	194°, 100%, 62%
HSV	194°, 77%, 100%
XYZ	42.6541, 53.7507, 102.7346
YIQ	169.3940, -104.1660, -17.4940

Conversions

Conversions Part 2

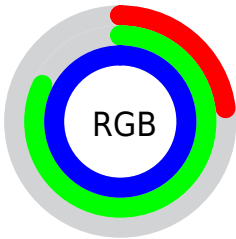
Format	Color
R _Y B	59, 144, 255
Decimal	3920383
CIE Lab	78.32, -23.73, -33.55
CIE LCh	78, 41.093, 234.726
Yxy	53.7507, 0.2142, 0.2699
Android (android.graphics.Color)	4282110463 (0xFF3BD1FF)
YUV	169.3940, 42.2038, -96.8155
Hunter-Lab	73.3149, -24.4510, -31.7614

Details

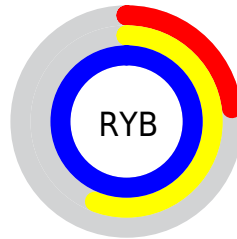
The Hex color **3BD1FF** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF693B**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **86FFFF**, and **009AC6** is the 20% darker color. If you saturate the color by 10%, you get **21CBFF**, and if you desaturate by 10%, it is **55D7FF**.

Distribution



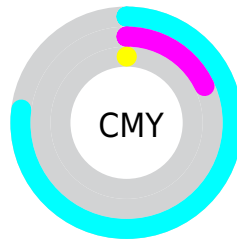
- Red (23%)
- Green (82%)
- Blue (100%)



- Red (23%)
- Yellow (56%)
- Blue (100%)



- Cyan (77%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (77%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BD1FF 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 3BD1FF by changing the saturation by 10% instead.

 3BD1FF

 3BD1FF

FFFFFF

 00B5E2

 86FFFF

 009AC6

 A6FFFF

 0080AB

 C6FFFF

 006790

 E6FFFF

 004F76

 00385D

 002345

 00042F

 000119

■ 3BD1FF

■ 3BD1FF

■ 21CBFF

■ 55D7FF

■ 08C5FF

■ 6EDDFF

■ 00C3FF

■ 88E3FF

■ A1E9FF

■ BBFFFF

■ D4F5FF

■ EEFBFF

FFFFFF

Harmonies

Analogous

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



26D6E0



3BD1FF



7FC8FF

Triad

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



3BD1FF



FFA5CA



BBC97B

Complementary

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



3BD1FF



FF693B

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.



E1BD75



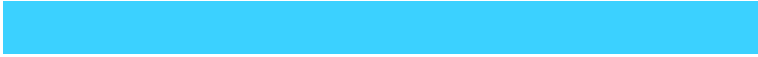
3BD1FF



FFA6A4

Square

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



3BD1FF



ECADEE



FEB085



8ED294

Rectangle

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



3BD1FF



A9BFFF



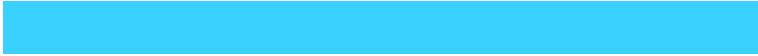
FEB085



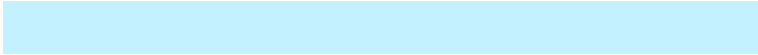
C8C577

Sweetspot

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



3BD1FF



C4F1FF



3BFF69



5C7780



000000



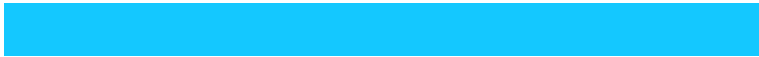
808080

Same Dimension

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



3BD1FF



14C8FF



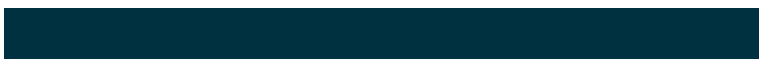
3B6FFF



737D80



0092BF



003140

Inverse Universe

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



FF3BD1



FF14C8



FFCB3B



80737D



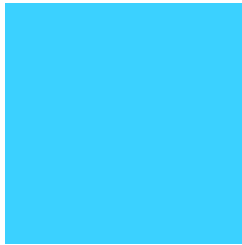
BF0092



400031

Previews

White Background



This preview shows how the Hex color 3BD1FF looks on a white background.

Color Contrast Check

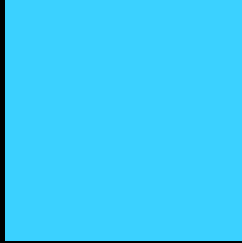
Large Text (above 18pt) WCAG AA × Fail

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 3BD1FF 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

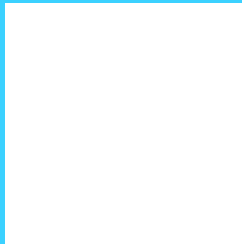
Any Text WCAG AAA ✓ Pass

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

Hex 3BD1FF Background



This preview shows how black text looks on a background with the Hex color 3BD1FF.

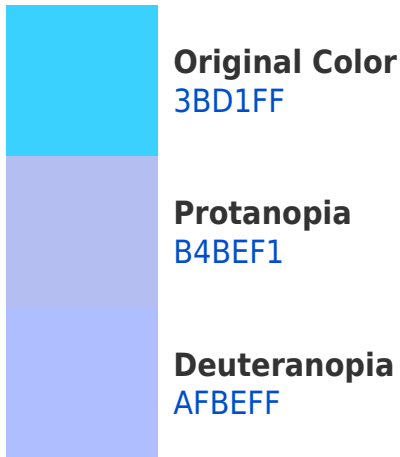


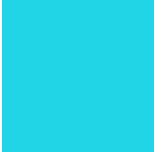
This preview shows how white text looks on a background with the Hex color 3BD1FF.

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](#).

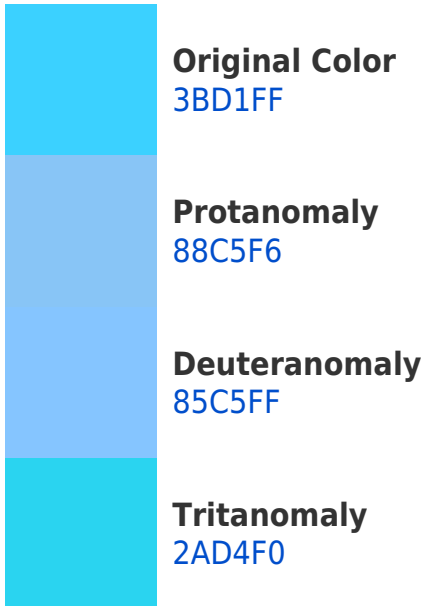
Dichromacy



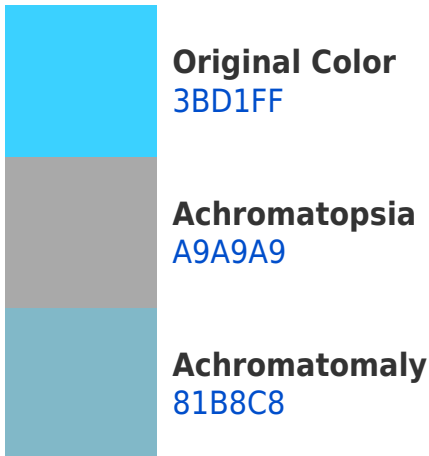


Tritanopia
21D5E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BD1FF 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 #3BD1FF looks like.

```
.text, #text, p{  
    color:#3BD1FF  
}
```

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 #3BD1FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BD1FF  
}
```

Border

The CSS property to change the border of an element to Hex 3BD1FF 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  
#3BD1FF }
```

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

```
.border{ border-color:#3BD1FF }
```

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

Here you see how a box with a 4 pixel #3BD1FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BD1FF; -webkit-box-shadow:4px 4px  
4px 4px #3BD1FF; box-shadow:4px 4px 4px  
4px #3BD1FF }
```

Background

The CSS property to change the background color of an element to Hex 3BD1FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BD1FF }
```

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

```
.background{ background-color:#3BD1FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor