

# Converting Colors

Hex(3BDBFF)

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

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# **Color**

**Hex(3BDBFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BDBFF
RGB	59, 219, 255
RGB Percent	23%, 86%, 100%
CMY	0.7686, 0.1412, 0.0000
CMYK	0.77, 0.14, 0.00, 0.00
HSL	191°, 100%, 62%
HSV	191°, 77%, 100%
XYZ	45.1852, 58.8128, 103.5782
YIQ	175.2640, -106.9160, -22.7240

# Conversions

## Conversions Part 2

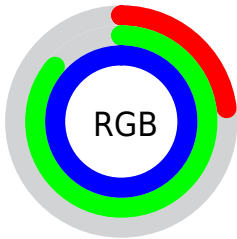
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 147, 255
Decimal	3922943
CIELab	81.19, -28.68, -29.13
CIELCh	81, 40.883, 225.442
Yxy	58.8128, 0.2177, 0.2833
Android (android.graphics.Color)	4282113023 (0xFF3BDBFF)
YUV	175.2640, 39.3098, -101.9635
Hunter-Lab	76.6895, -29.0352, -26.3955

# Details

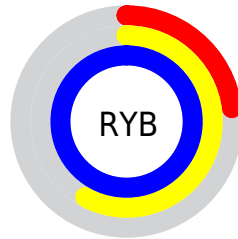
The Hex color **3BDBFF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF5F3B**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **87FFFF**, and **00A4C6** is the 20% darker color. If you saturate the color by 10%, you get **21D6FF**, and if you desaturate by 10%, it is **55E0FF**.

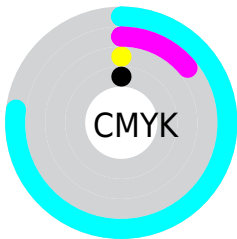
# Distribution



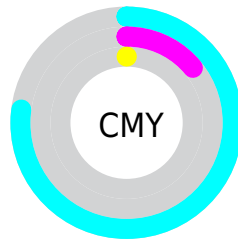
- Red (23%)
- Green (86%)
- Blue (100%)



- Red (23%)
- Yellow (58%)
- Blue (100%)



- Cyan (77%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (77%)
- Magenta (14%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 3BDBFF

 3BDBFF

FFFFFF

 00BFE2

 87FFFF

 00A4C6

 A7FFFF

 0089AB

 C7FFFF

 006F90

 E7FFFF

 005776

 003F5E

 002946

 000C2F

 00011A

■ 3BDBFF

■ 3BDBFF

■ 21D6FF

■ 55E0FF

■ 08D2FF

■ 6EE4FF

■ 00D0FF

■ 88E9FF

■ A1EEFF

■ BBF2FF

■ D4F7FF

■ EEFCFF

FFFFFF

# Harmonies

## Analogous

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



44DEDD



3BDBFF



74D3FF

# Triad

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



3BDBFF



FFAEDE



CFCE7F

# Complementary

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



3BDBFF



FF5F3B

# 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.



F4C180



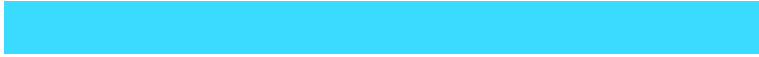
3BDBFF



FFADB7

# Square

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



3BDBFF



E7B9FF



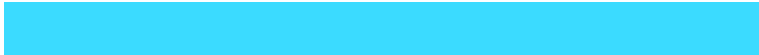
FFB495



A4D793

# Rectangle

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



3BDBFF



9FCBFF



FFB495



DCCA7D

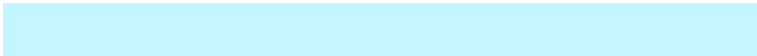


# Sweetspot

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



3BDBFF



C4F4FF



3BFF5F



5C7980



000000



808080

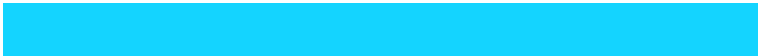


# Same Dimension

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



3BDBFF



14D4FF



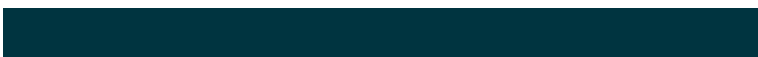
3B79FF



737D80



009CBF



003440



# Inverse Universe

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



FF3BDB



FF14D4



FFC13B



80737D



BF009C

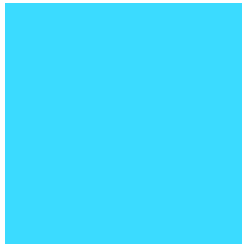


400034



# Previews

## White Background



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

## Color Contrast Check

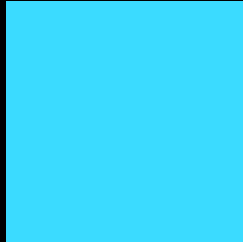
Large Text (above 18pt) WCAG AA × Fail

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 3BDBFF 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 3BDBFF Background



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

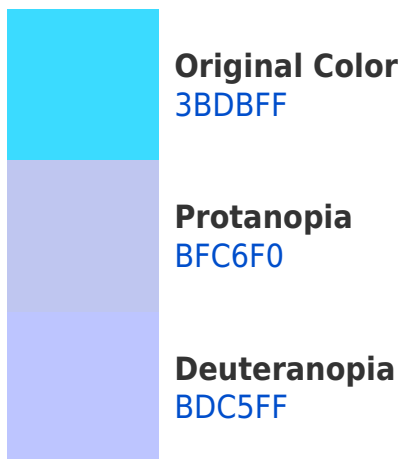


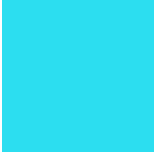
This preview shows how white text looks on a background with the Hex color 3BDBFF.

# 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](#).

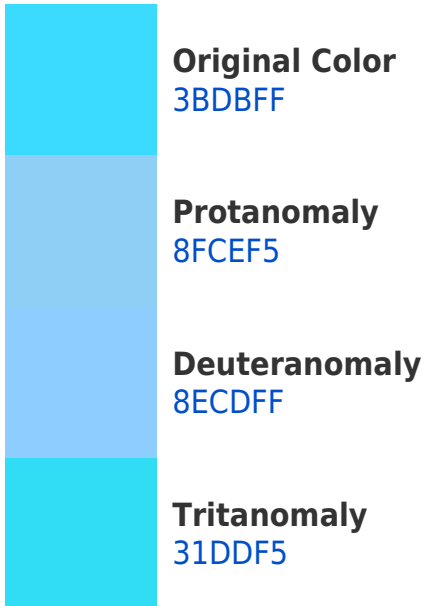
## Dichromacy



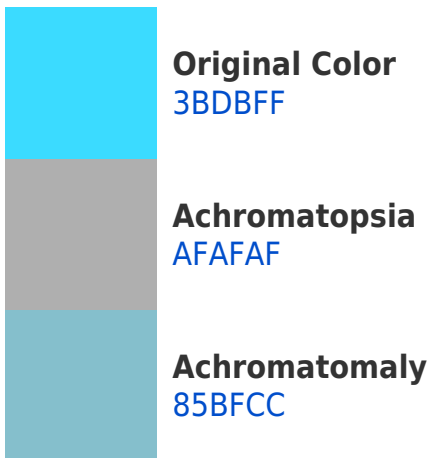


**Tritanopia**  
2CDEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #3BDBFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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