

# Converting Colors

Hex(3BECFD)

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

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# **Color**

**Hex(3BECFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BECFD
RGB	59, 236, 253
RGB Percent	23%, 93%, 99%
CMY	0.7686, 0.0745, 0.0078
CMYK	0.77, 0.07, 0.00, 0.01
HSL	185°, 98%, 61%
HSV	185°, 77%, 99%
XYZ	49.5287, 68.0126, 103.4458
YIQ	185.0150, -110.9490, -32.2370

# Conversions

## Conversions Part 2

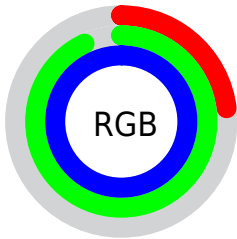
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 152, 253
Decimal	3927293
CIELab	86.01, -37.35, -20.73
CIELCh	86, 42.721, 209.028
Yxy	68.0126, 0.2241, 0.3078
Android (android.graphics.Color)	4282117373 (0xFF3BECFD)
YUV	185.0150, 33.5166, -110.5152
Hunter-Lab	82.4697, -37.1206, -16.6415

# Details

The Hex color **3BECFD** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FD4C3B**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **88FFFF**, and **00B4C4** is the 20% darker color. If you saturate the color by 10%, you get **22EAFD**, and if you desaturate by 10%, it is **54EEFD**.

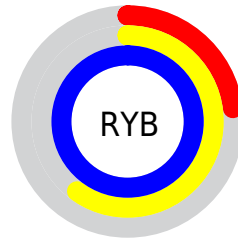
# Distribution



Red (23%)

Green (93%)

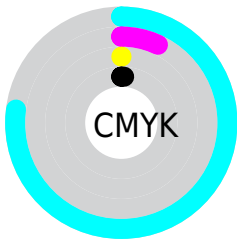
Blue (99%)



Red (23%)

Yellow (60%)

Blue (99%)

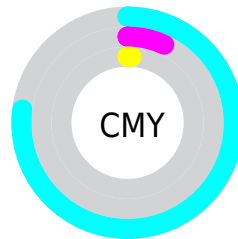


Cyan (77%)

Magenta (7%)

Yellow (0%)

Black (1%)



Cyan (77%)

Magenta (7%)

Yellow (1%)

# Brightness & Saturation Gradients

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



 3BECFD

 3BECFD

FFFFFF

 00CFE0

 88FFFF

 00B4C4

 A9FFFF

 0098A9

 C9FFFF

 007E8F

 E9FFFF

 006475

 004C5C

 003445

 001F2E

 00011A

 3BECFD

 3BECFD

 22EAFD

 54EEFD

 08E8FD

 6EF0FD

 00E7FD

 87F3FD

 A0F5FD

 BAF7FD

 D3F9FD

 ECFCFD

FFFEFD

FFFFFD

# Harmonies

## Analogous

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



66EDD4



3BECFD



59E6FF

# Triad

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



3BECFD



FFBFFF



F3D486

# Complementary

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



3BECFD



FD4C3B

# 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.



FFC693



3BECFD



FFB8DA

# Square

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



3BECFD



DACDFF



FFBBB2



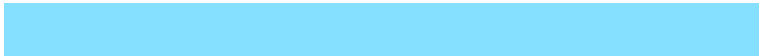
C9E08F

# Rectangle

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



3BECFD



85E0FF



FFBBB2



FFD088

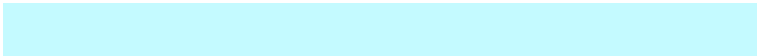


# Sweetspot

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



3BECFD



C4FAFF



3BFD4B



5C7C80



000000



808080



# Same Dimension

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



3BECFD



14EAFF



3B8CFD



737E80



00AEBF



003A40



# Inverse Universe

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



FD3BEC



FF14EA



FDAC3B



80737E



BF00AE

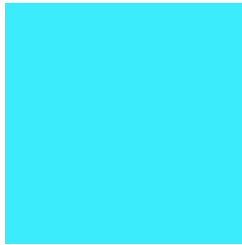


40003A



# Previews

## White Background



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

## Color Contrast Check

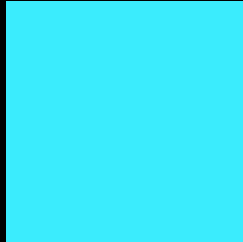
Large Text (above 18pt) WCAG AA × Fail

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 3BECFD 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 3BECFD Background



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

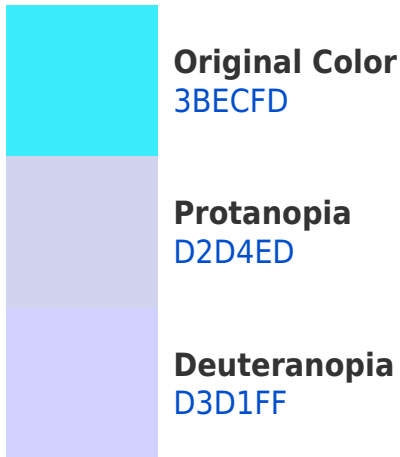


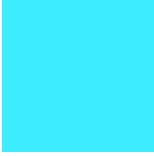
This preview shows how white text looks on a background with the Hex color 3BECFD.

# 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



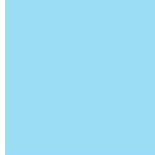


**Tritanopia**  
3DECFF

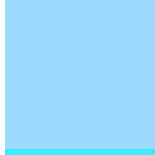
# Trichromacy



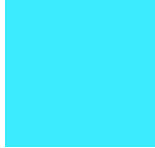
**Original Color**  
3BECFD



**Protanomaly**  
9BDDF3



**Deuteranomaly**  
9CDBFE

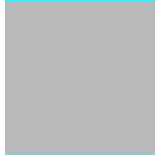


**Tritanomaly**  
3CECFE

# Monochromacy



**Original Color**  
3BECFD



**Achromatopsia**  
B9B9B9



**Achromatomaly**  
8BCCD2

# CSS Examples

## Text

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

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

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 #3BECFD colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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