

Converting Colors

Hex(3DBCFE)

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

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Color

Hex(3DBCFE)

Conversions

Conversions Part 1

Format	Color
Hex	3DBCFE
RGB	61, 188, 254
RGB Percent	24%, 74%, 100%
CMY	0.7608, 0.2627, 0.0039
CMYK	0.76, 0.26, 0.00, 0.00
HSL	201°, 99%, 62%
HSV	201°, 76%, 100%
XYZ	37.7971, 44.1143, 100.2887
YIQ	157.5510, -96.8780, -6.3980

Conversions

Conversions Part 2

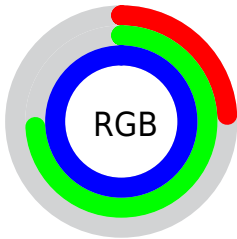
Format	Color
RYB	61, 138, 254
Decimal	4046078
CIELab	72.30, -12.94, -42.34
CIELCh	72, 44.276, 253.009
Yxy	44.1143, 0.2074, 0.2421
Android (android.graphics.Color)	4282236158 (0xFF3DBCFE)
YUV	157.5510, 47.5494, -84.6752
Hunter-Lab	66.4186, -14.6529, -43.0319

Details

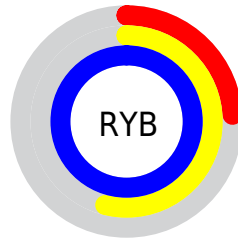
The Hex color **3DBCFF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **FE7F3D**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **86F4FF**, and **0087C5** is the 20% darker color. If you saturate the color by 10%, you get **24B3FE**, and if you desaturate by 10%, it is **56C5FE**.

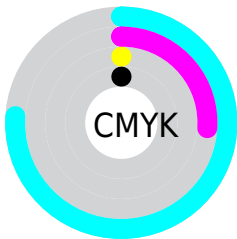
Distribution



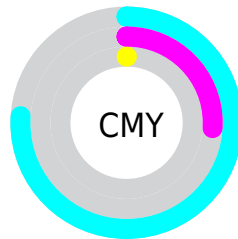
- Red (24%)
- Green (74%)
- Blue (100%)



- Red (24%)
- Yellow (54%)
- Blue (100%)



- Cyan (76%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 3DBCFE

 3DBCFE

FFFFFF

 00A1E1

 86F4FF

 0087C5

 A6FFFF

 006EA9

 C5FFFF

 00558F

 E5FFFF

 003E75

 00295C

 001444

 00032D

 000117

■ 3DBCFE

■ 3DBCFE

■ 24B3FE

■ 56C5FE

■ 0AABFE

■ 70CDFE

■ 00A7FE

■ 89D6FE

■ A3DFFE

■ BCE7FE

■ D5F0FE

■ EFF9FE

FFFFFE

Harmonies

Analogous

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



00C4E7



3DBCFE



91AFFF

Triad

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



3DBCFE



FF91A1



8DBF74

Complementary

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



3DBCFE



FE7F3D

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.



BAB561



3DBCFE



F7997C

Square

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



3DBCFE



F194CA



DEA764



56C598

Rectangle

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



3DBCFE



BBA5F5



DEA764



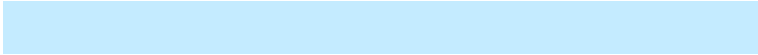
9DBC6C

Sweetspot

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



3DBCFE



C4EBFF



3DFE7D



5C7380



000000



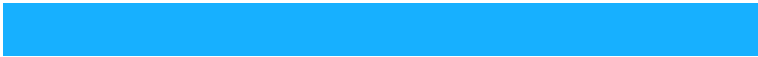
808080

Same Dimension

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



3DBCFE



17B0FF



3D5DFE



737B80



007EBF



002A40

Inverse Universe

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



FE3DBC



FF17B0



FEDE3D



80737B



BF007E



40002A

Previews

White Background



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

Color Contrast Check

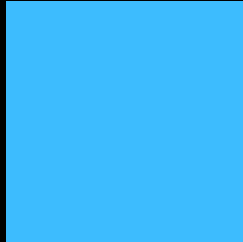
Large Text (above 18pt) WCAG AA × Fail

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 3DBCFE 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

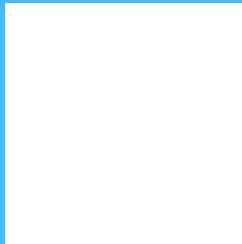
Any Text WCAG AAA ✓ Pass

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

Hex 3DBCFE Background



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

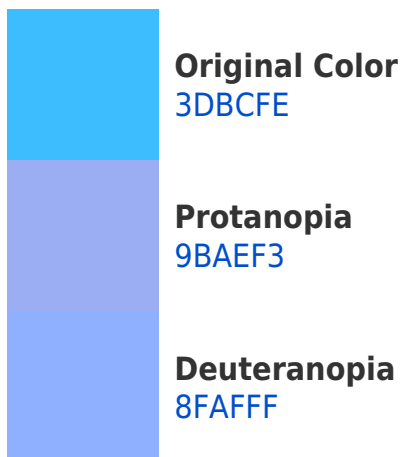


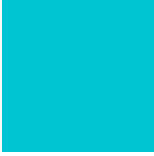
This preview shows how white text looks on a background with the Hex color 3DBCFE.

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](#).

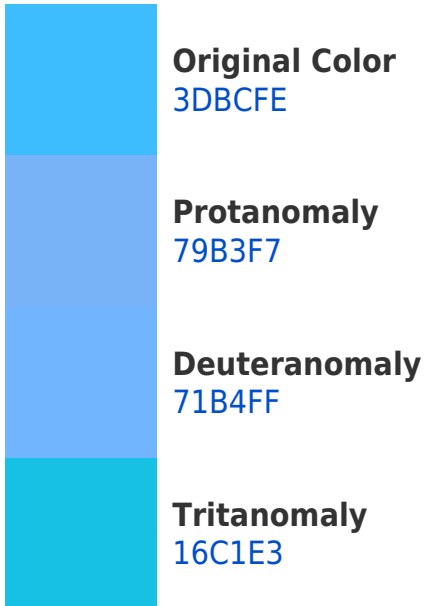
Dichromacy



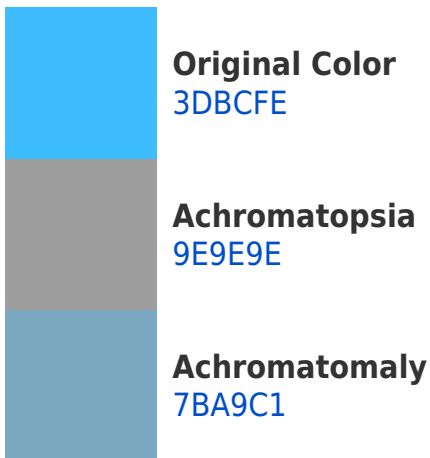


Tritanopia
00C4D3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #3DBCFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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