

Converting Colors

Hex(3CBFE0)

Have a look what the booklet for
Hex(3CBFE0) contains.

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Color

Hex(3CBFE0)

Conversions

Conversions Part 1

Format	Color
Hex	3CBFE0
RGB	60, 191, 224
RGB Percent	24%, 75%, 88%
CMY	0.7647, 0.2510, 0.1216
CMYK	0.73, 0.15, 0.00, 0.12
HSL	192°, 73%, 56%
HSV	192°, 73%, 88%
XYZ	33.9488, 43.6041, 77.1481
YIQ	155.5930, -88.6690, -17.5090

Conversions

Conversions Part 2

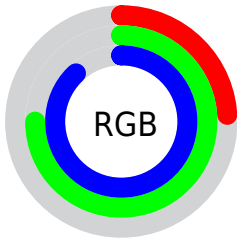
Format	Color
RYB	60, 133, 224
Decimal	3981280
CIELab	71.96, -24.39, -26.64
CIElCh	72, 36.121, 227.521
Yxy	43.6041, 0.2194, 0.2819
Android (android.graphics.Color)	4282171360 (0xFF3CBFE0)
YUV	155.5930, 33.7247, -83.8351
Hunter-Lab	66.0334, -23.7887, -23.0463

Details

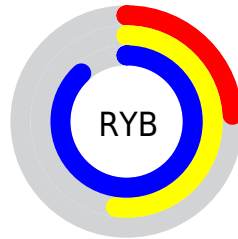
The Hex color **3CBFE0** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E05D3C**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **81F8FF**, and **0089A9** is the 20% darker color. If you saturate the color by 10%, you get **26BAE0**, and if you desaturate by 10%, it is **52C4E0**.

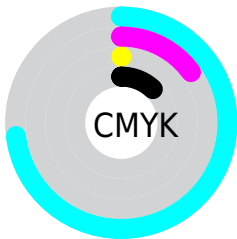
Distribution



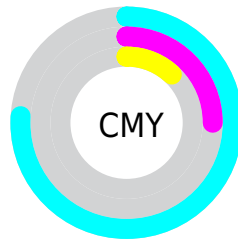
- Red (24%)
- Green (75%)
- Blue (88%)



- Red (24%)
- Yellow (52%)
- Blue (88%)



- Cyan (73%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (76%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CBFE0 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 3CBFE0 by changing the saturation by 10% instead.

 3CBFE0

 3CBFE0

FFFFFF

 00A4C4

 81F8FF

 0089A9

 A0FFFF

 00708E

 BFFFFFF

 005774

 DEFFFF

 003F5C

 FDFFFF

 002944

 00102E

 000119

 000000

■ 3CBFE0

■ 3CBFE0

■ 26BAE0

■ 52C4E0

■ 0FB6E0

■ 69C8E0

■ 00B3E0

■ 7FCDE0

■ 96D1E0

■ ACD6E0

■ C2DAE0

■ D9DFE0

■ EFE3E0

■ FFE8E0

Harmonies

Analogous

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



3EC2C3



3CBFE0



6BB8F0

Triad

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



3CBFE0



E899C0



B3B471

Complementary

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



3CBFE0



E05D3C

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.



D3AA70



3CBFE0



F1989E

Square

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



3CBFE0



CCA1DD



E99F81



8EBD83

Rectangle

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



3CBFE0



8FB1F1



E99F81



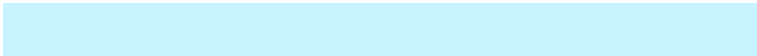
BEB16E

Sweetspot

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



3CBFE0



C7F4FF



3CE05D



5E7980



000000



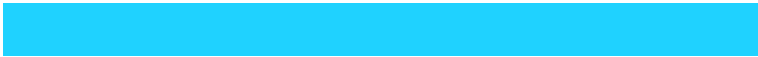
808080

Same Dimension

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



3CBFE0



1FD2FF



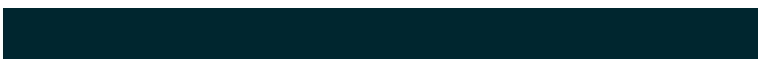
3C6DE0



656E70



008DB0



002730

Inverse Universe

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



E03CBF



FF1FD2



E0AF3C



70656E



B0008D



300027

Previews

White Background



This preview shows how the Hex color 3CBFE0 looks on a white background.

Color Contrast Check

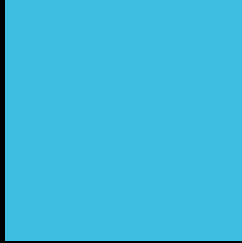
Large Text (above 18pt) WCAG AA × Fail

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 3CBFE0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

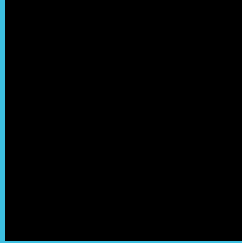
Any Text WCAG AA ✓ Pass

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 3CBFE0 Background



This preview shows how black text looks on a background with the Hex color 3CBFE0.

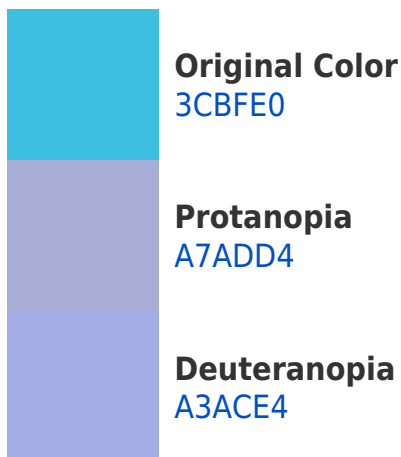


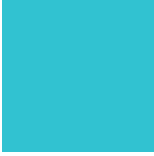
This preview shows how white text looks on a background with the Hex color 3CBFE0.

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](#).

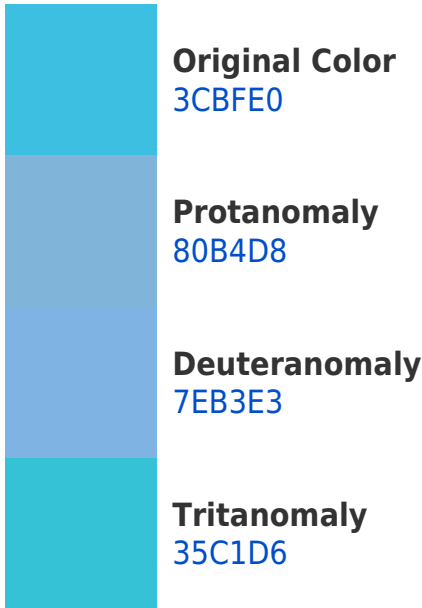
Dichromacy



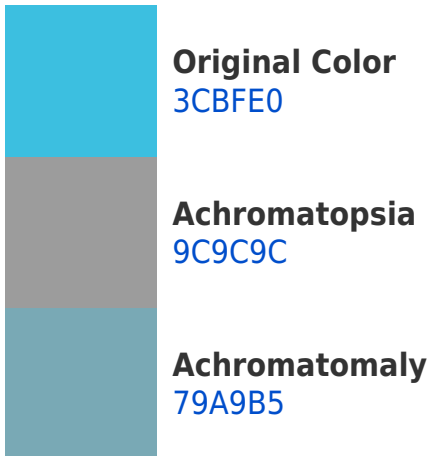


Tritanopia
31C2D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CBFE0 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 #3CBFE0 looks like.

```
.text, #text, p{  
    color:#3CBFE0  
}
```

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 #3CBFE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CBFE0  
}
```

Border

The CSS property to change the border of an element to Hex 3CBFE0 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  
#3CBFE0 }
```

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

```
.border{ border-color:#3CBFE0 }
```

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

Here you see how a box with a 4 pixel #3CBFE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CBFE0; -webkit-box-shadow:4px 4px  
4px 4px #3CBFE0; box-shadow:4px 4px 4px  
4px #3CBFE0 }
```

Background

The CSS property to change the background color of an element to Hex 3CBFE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CBFE0 }
```

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

```
.background{ background-color:#3CBFE0 }
```

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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