

Converting Colors

Hex(3CE2FF)

Have a look what the booklet for
Hex(3CE2FF) contains.

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Color

Hex(3CE2FF)

Conversions

Conversions Part 1

Format	Color
Hex	3CE2FF
RGB	60, 226, 255
RGB Percent	24%, 89%, 100%
CMY	0.7647, 0.1137, 0.0000
CMYK	0.76, 0.11, 0.00, 0.00
HSL	189°, 100%, 62%
HSV	189°, 76%, 100%
XYZ	47.1098, 62.5734, 104.2027
YIQ	179.6720, -108.2450, -26.1730

Conversions

Conversions Part 2

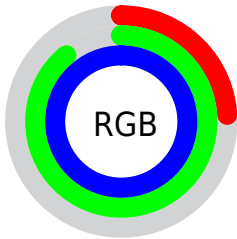
Format	Color
RYB	60, 150, 255
Decimal	3990271
CIELab	83.22, -31.97, -26.03
CIELCh	83, 41.222, 219.154
Yxy	62.5734, 0.2203, 0.2926
Android (android.graphics.Color)	4282180351 (0xFF3CE2FF)
YUV	179.6720, 37.1367, -104.9523
Hunter-Lab	79.1033, -32.1255, -22.7303

Details

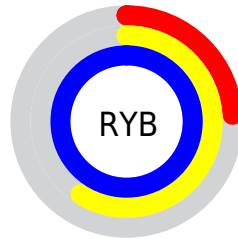
The Hex color **3CE2FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF593C**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **88FFFF**, and **00AAC6** is the 20% darker color. If you saturate the color by 10%, you get **22DEFF**, and if you desaturate by 10%, it is **56E6FF**.

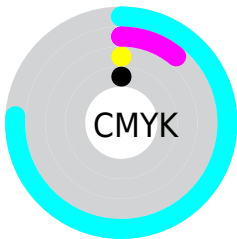
Distribution



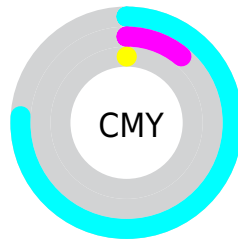
- Red (24%)
- Green (89%)
- Blue (100%)



- Red (24%)
- Yellow (59%)
- Blue (100%)



- Cyan (76%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CE2FF 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 3CE2FF by changing the saturation by 10% instead.

 3CE2FF

 3CE2FF

FFFFFF

 00C6E2

 88FFFF

 00AAC6

 A9FFFF

 008FAB

 C9FFFF

 007590

 E9FFFF

 005C77

 00445E

 002D46

 001630

 00011A

 3CE2FF

 3CE2FF

 22DEFF

 56E6FF

 09DAFF

 6FEAFF

 00D9FF

 89EDFF

 A2F1FF

 BCF5FF

 D5F9FF

 EFFDFF

FFFFFF

Harmonies

Analogous

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



53E4DA



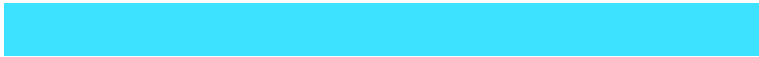
3CE2FF



6CDBFF

Triad

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



3CE2FF



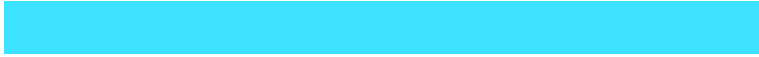
FFB5EC



DED182

Complementary

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



3CE2FF



FF593C

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.



FFC487



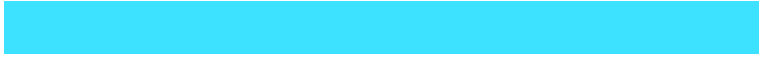
3CE2FF



FFB1C5

Square

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



3CE2FF



E3C1FF



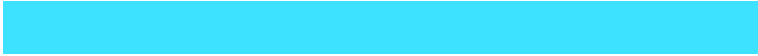
FFB7A0



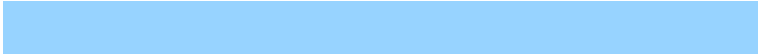
B3DB92

Rectangle

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



3CE2FF



97D3FF



FFB7A0



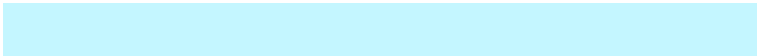
EACD81

Sweetspot

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



3CE2FF



C4F6FF



3CFF56



5C7A80



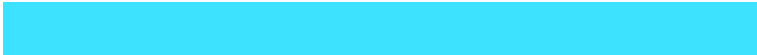
000000



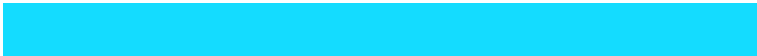
808080

Same Dimension

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



3CE2FF



14DCFF



3C84FF



737E80



00A3BF



003640

Inverse Universe

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



FF3CE2



FF14DC



FFB83C



80737E



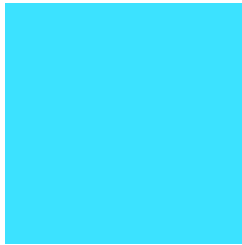
BF00A3



400036

Previews

White Background



This preview shows how the Hex color 3CE2FF looks on a white background.

Color Contrast Check

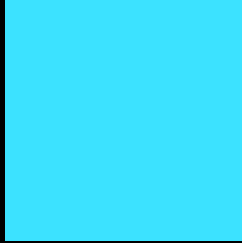
Large Text (above 18pt) WCAG AA × Fail

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 3CE2FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

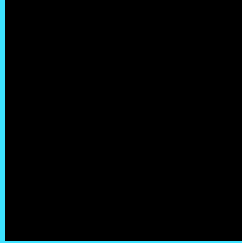
Any Text WCAG AA ✓ Pass

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 3CE2FF Background



This preview shows how black text looks on a background with the Hex color 3CE2FF.

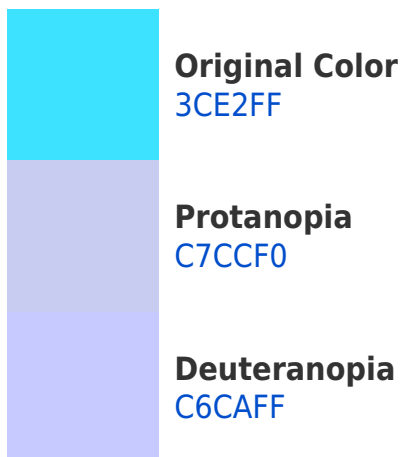


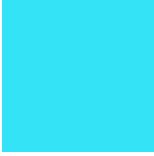
This preview shows how white text looks on a background with the Hex color 3CE2FF.

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
34E3F6

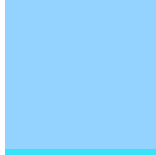
Trichromacy



Original Color
3CE2FF



Protanomaly
94D4F5



Deuteranomaly
94D3FF

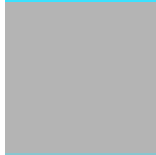


Tritanomaly
37E3F9

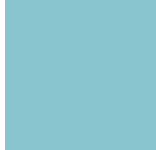
Monochromacy



Original Color
3CE2FF



Achromatopsia
B4B4B4



Achromatomaly
88C5CF

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CE2FF 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 #3CE2FF looks like.

```
.text, #text, p{  
    color:#3CE2FF  
}
```

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 #3CE2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CE2FF  
}
```

Border

The CSS property to change the border of an element to Hex 3CE2FF 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  
#3CE2FF }
```

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

```
.border{ border-color:#3CE2FF }
```

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

Here you see how a box with a 4 pixel #3CE2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CE2FF; -webkit-box-shadow:4px 4px  
4px 4px #3CE2FF; box-shadow:4px 4px 4px  
4px #3CE2FF }
```

Background

The CSS property to change the background color of an element to Hex 3CE2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CE2FF }
```

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

```
.background{ background-color:#3CE2FF }
```

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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