

Converting Colors

Hex(4BE2FF)

Have a look what the booklet for
Hex(4BE2FF) contains.

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Color

Hex(4BE2FF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4BE2FF |
| RGB | 75, 226, 255 |
| RGB Percent | 29%, 89%, 100% |
| CMY | 0.7059, 0.1137, 0.0000 |
| CMYK | 0.71, 0.11, 0.00, 0.00 |
| HSL | 190°, 100%, 65% |
| HSV | 190°, 71%, 100% |
| XYZ | 48.1480, 63.1086, 104.2512 |
| YIQ | 184.1570, -99.3050, -22.9930 |

Conversions

Conversions Part 2

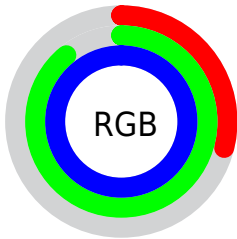
| Format | Color |
|-------------------------------------|---|
| RYB | 75, 157, 255 |
| Decimal | 4973311 |
| CIELab | 83.50, -30.30, -25.57 |
| CIELCh | 83, 39.646, 220.167 |
| Yxy | 63.1086, 0.2234, 0.2928 |
| Android (android.graphics.Color) | 4283163391 (0xFF4BE2FF) |
| YUV | 184.1570, 34.9256, -95.7307 |
| Hunter-Lab | 79.4409, -30.8353, -22.1983 |

Details

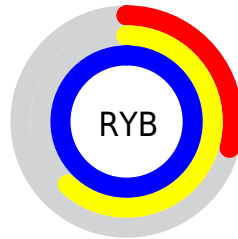
The Hex color **4BE2FF** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **FF684B**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **91FFFF**, and **00AAC6** is the 20% darker color. If you saturate the color by 10%, you get **32DEFF**, and if you desaturate by 10%, it is **65E6FF**.

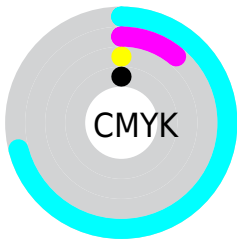
Distribution



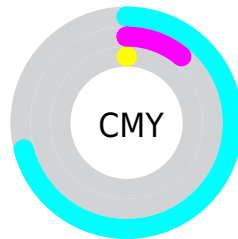
- Red (29%)
- Green (89%)
- Blue (100%)



- Red (29%)
- Yellow (62%)
- Blue (100%)



- Cyan (71%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BE2FF 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 4BE2FF by changing the saturation by 10% instead.

 4BE2FF

FFFFFF

 91FFFF

 B1FFFF

 D1FFFF

 F0FFFF

 4BE2FF

 12C6E2

 00AAC6

 0090AB

 007690

 005D77

 00445E

 002D46

 001730

 00011A

 4BE2FF

 4BE2FF

 32DEFF

 65E6FF

 18DAFF

 7EEAFF

 00D6FF

 98EEFF

 B1F2FF

 CBF7FF

 E4FBFF

FEFFFF

FFFFFF

Harmonies

Analogous

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



5BE4DC



4BE2FF



75DBFF

Triad

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



4BE2FF



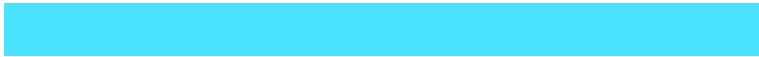
FFB7EA



DDD286

Complementary

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



4BE2FF



FF684B

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.



FFC58A



4BE2FF



FFB4C5

Square

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



4BE2FF



E5C2FF



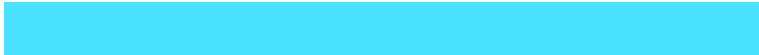
FFBAA2



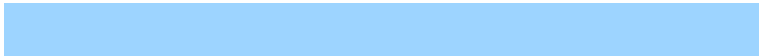
B4DC96

Rectangle

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



4BE2FF



9DD4FF



FFBAA2



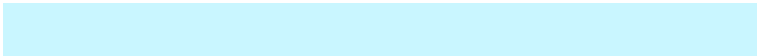
E9CE85

Sweetspot

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



4BE2FF



C9F6FF



4BFF66



607A80



000000



808080

Same Dimension

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



4BE2FF



26DCFF



4B8AFF



737D80



00A0BF



003540

Inverse Universe

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



FF4BE2



FF26DC



FFC04B



80737D



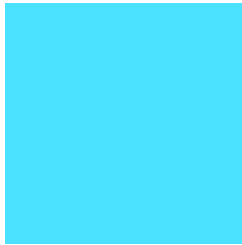
BF00A0



400035

Previews

White Background



This preview shows how the Hex color 4BE2FF looks on a white background.

Color Contrast Check

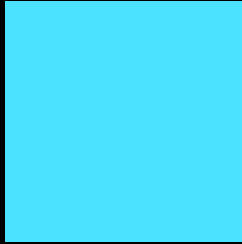
Large Text (above 18pt) WCAG AA × Fail

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 4BE2FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

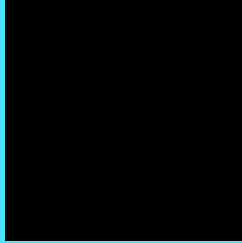
Any Text WCAG AA ✓ Pass

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 4BE2FF Background



This preview shows how black text looks on a background with the Hex color 4BE2FF.

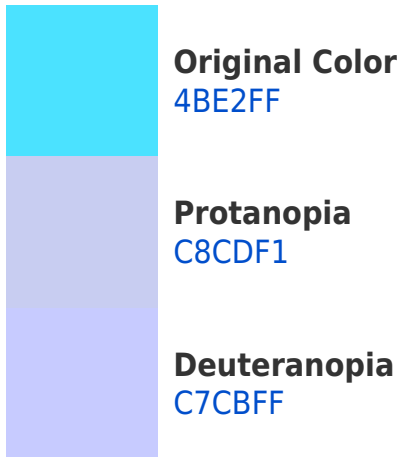


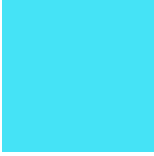
This preview shows how white text looks on a background with the Hex color 4BE2FF.

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](#).

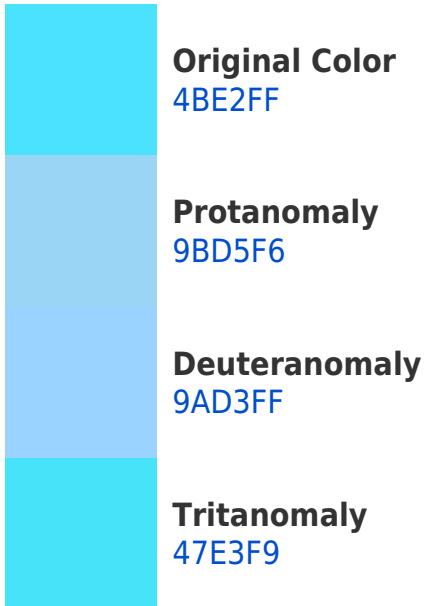
Dichromacy





Tritanopia
45E3F6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BE2FF 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 #4BE2FF looks like.

```
.text, #text, p{  
    color:#4BE2FF  
}
```

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 #4BE2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BE2FF
}
```

Border

The CSS property to change the border of an element to Hex 4BE2FF 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
#4BE2FF }
```

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

```
.border{ border-color:#4BE2FF }
```

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

Here you see how a box with a 4 pixel #4BE2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BE2FF; -webkit-box-shadow:4px 4px  
4px 4px #4BE2FF; box-shadow:4px 4px 4px  
4px #4BE2FF }
```

Background

The CSS property to change the background color of an element to Hex 4BE2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BE2FF }
```

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

```
.background{ background-color:#4BE2FF }
```

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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