

Converting Colors

Hex(4BE5F3)

Have a look what the booklet for
Hex(4BE5F3) contains.

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Color

Hex(4BE5F3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4BE5F3 |
| RGB | 75, 229, 243 |
| RGB Percent | 29%, 90%, 95% |
| CMY | 0.7059, 0.1020, 0.0471 |
| CMYK | 0.69, 0.06, 0.00, 0.05 |
| HSL | 185°, 87%, 62% |
| HSV | 185°, 69%, 95% |
| XYZ | 47.0986, 64.0055, 94.6660 |
| YIQ | 184.5500, -96.2780, -28.2940 |

Conversions

Conversions Part 2

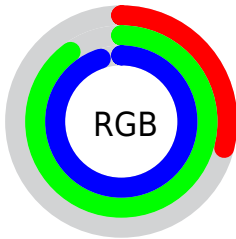
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 75, 155, 243 |
| Decimal | 4974067 |
| CIE Lab | 83.97, -35.24, -18.53 |
| CIE LCh | 84, 39.809, 207.735 |
| Yxy | 64.0055, 0.2289, 0.3111 |
| Android (android.graphics.Color) | 4283164147 (0xFF4BE5F3) |
| YUV | 184.5500, 28.8158, -96.0754 |
| Hunter-Lab | 80.0035, -34.9218, -14.1539 |

Details

The Hex color **4BE5F3** 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 **F3594B**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **90FFFF**, and **00ADBB** is the 20% darker color. If you saturate the color by 10%, you get **33E3F3**, and if you desaturate by 10%, it is **63E7F3**.

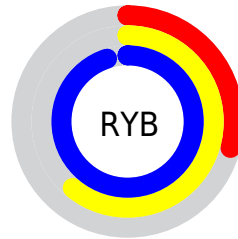
Distribution



Red (29%)

Green (90%)

Blue (95%)



Red (29%)

Yellow (61%)

Blue (95%)

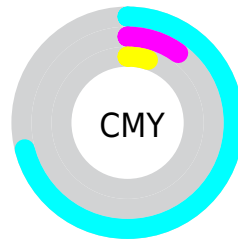


Cyan (69%)

Magenta (6%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (10%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BE5F3 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 4BE5F3 by changing the saturation by 10% instead.

 4BE5F3

 4BE5F3


FFFFFF

 15C9D7

 90FFFF

 00ADBB

 B0FFFF

 0092A0

 CFFFFFF

 007886

 EFFFFFF

 005F6C

 004654

 002F3D

 001827

 000112

 4BE5F3

 4BE5F3

 33E3F3

 63E7F3

 1AE1F3

 7CE9F3

 02DFF3

 94EBF3

 00DFF3

 ACEDF3

 C4EFF3

 DDF1F3

 F5F3F3

 FFF5F3

 FFF7F3

Harmonies

Analogous

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



6DE6CD



4BE5F3



60E0FF

Triad

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



4BE5F3



FEB CFA



EECE86

Complementary

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



4BE5F3



F3594B

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.



FFC193



4BE5F3



FFB5D6

Square

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



4BE5F3



D2C9FF



FFB7B0



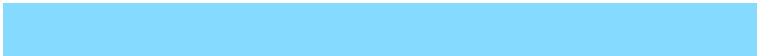
C7DA8E

Rectangle

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



4BE5F3



85DAFF



FFB7B0



F9CA88

Sweetspot

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



4BE5F3



C9FBFF



4BF359



607D80



000000



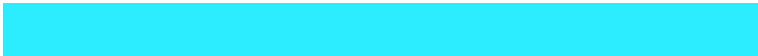
808080

Same Dimension

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



4BE5F3



2BEDFF



4B94F3



6E797A



00ABBA



00363B

Inverse Universe

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



F34BE5



FF2BED



F3AD4B



7A6E79



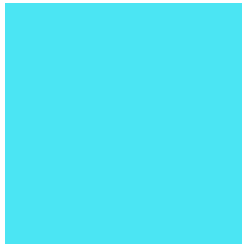
BA00AB



3B0036

Previews

White Background



This preview shows how the Hex color 4BE5F3 looks on a white background.

Color Contrast Check

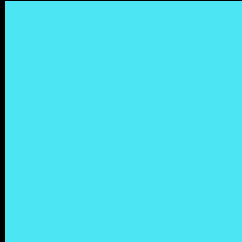
Large Text (above 18pt) WCAG AA × Fail

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 4BE5F3 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 4BE5F3 Background



This preview shows how black text looks on a background with the Hex color 4BE5F3.

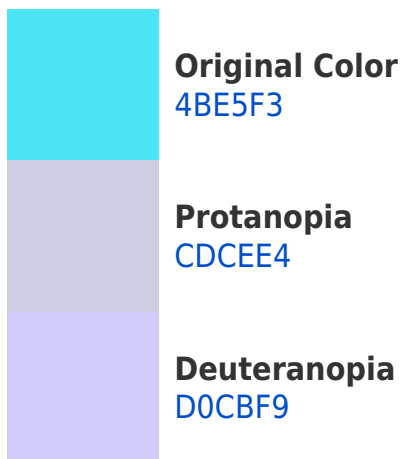


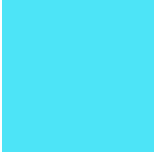
This preview shows how white text looks on a background with the Hex color 4BE5F3.

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](#).

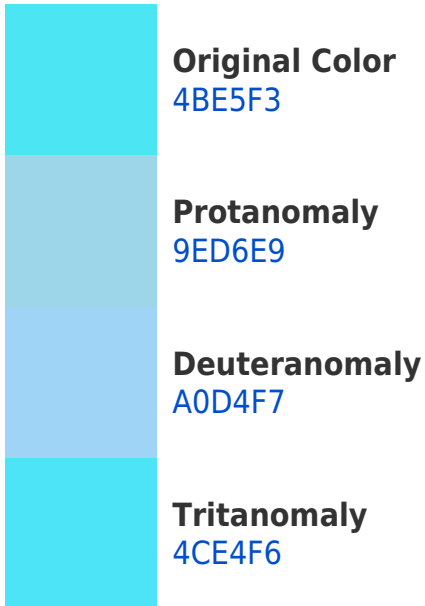
Dichromacy





Tritanopia
4DE4F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BE5F3 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 #4BE5F3 looks like.

```
.text, #text, p{  
    color:#4BE5F3  
}
```

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 #4BE5F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BE5F3  
}
```

Border

The CSS property to change the border of an element to Hex 4BE5F3 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  
#4BE5F3 }
```

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

```
.border{ border-color:#4BE5F3 }
```

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

Here you see how a box with a 4 pixel #4BE5F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BE5F3; -webkit-box-shadow:4px 4px  
4px 4px #4BE5F3; box-shadow:4px 4px 4px  
4px #4BE5F3 }
```

Background

The CSS property to change the background color of an element to Hex 4BE5F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BE5F3 }
```

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

```
.background{ background-color:#4BE5F3 }
```

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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