

# Converting Colors

Hex(5BE5F3)

Have a look what the booklet for  
Hex(5BE5F3) contains.

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# **Color**

**Hex(5BE5F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BE5F3
RGB	91, 229, 243
RGB Percent	36%, 90%, 95%
CMY	0.6431, 0.1020, 0.0471
CMYK	0.63, 0.06, 0.00, 0.05
HSL	186°, 86%, 65%
HSV	186°, 63%, 95%
XYZ	48.5114, 64.7338, 94.7321
YIQ	189.3340, -86.7420, -24.9020

# Conversions

## Conversions Part 2

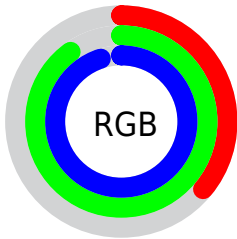
Format	Color
R <sub>Y</sub> B	91, 163, 243
Decimal	6022643
CIE Lab	84.35, -32.95, -17.92
CIE LCh	84, 37.504, 208.542
Yxy	64.7338, 0.2333, 0.3113
Android (android.graphics.Color)	4284212723 (0xFF5BE5F3)
YUV	189.3340, 26.4573, -86.2389
Hunter-Lab	80.4573, -33.1746, -13.4891

# Details

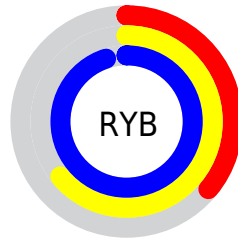
The Hex color **5BE5F3** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **F3695B**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **9CFFFF**, and **00ADBB** is the 20% darker color. If you saturate the color by 10%, you get **43E3F3**, and if you desaturate by 10%, it is **73E7F3**.

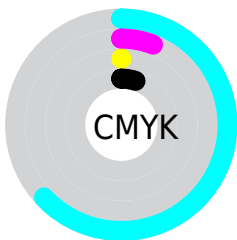
# Distribution



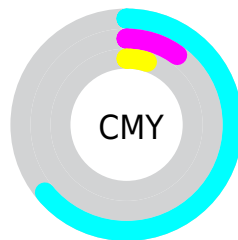
- Red (36%)
- Green (90%)
- Blue (95%)



- Red (36%)
- Yellow (64%)
- Blue (95%)



- Cyan (63%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (64%)
- Magenta (10%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BE5F3 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 5BE5F3 by changing the saturation by 10% instead.



 5BE5F3

 5BE5F3


FFFFFF

 34C9D7

 9CFFFF

 00ADBB

 BBFFFF

 0092A0

 DAFFFF

 007886

 F9FFFF

 005F6C

 004654

 002F3D

 001927

 000112

 5BE5F3


 5BE5F3

 43E3F3

 73E7F3

 2AE1F3

 8CE9F3

 12DEF3

 A4ECF3

 00DDF3

 BCEEF3

 D4F0F3

 EDF2F3

 FFF5F3

 FFF7F3

 FFF9F3

# Harmonies

## Analogous

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



75E6CF



5BE5F3



6EE0FF

# Triad

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



5BE5F3



FEBEF8



EDD08C

# Complementary

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



5BE5F3



F3695B

# 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.



FFC497



5BE5F3



FFB8D6

# Square

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



5BE5F3



D5CAFF



FFBAB2



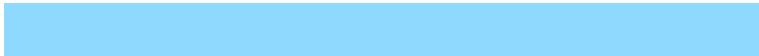
C8DA93

# Rectangle

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



5BE5F3



8EDAFF



FFBAB2



F7CC8D

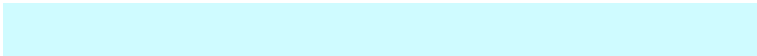


# Sweetspot

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



5BE5F3



CFFBFF



5BF368



627D80



000000



808080

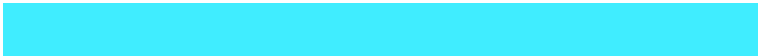


# Same Dimension

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



5BE5F3



40EDFF



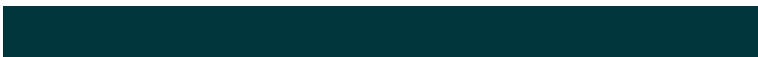
5B9AF3



6E797A



00A9BA



00353B



# Inverse Universe

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



F35BE5



FF40ED



F3B45B



7A6E79



BA00A9

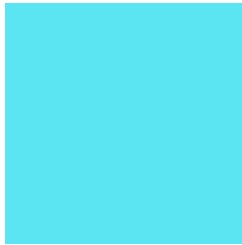


3B0035



# Previews

## White Background



This preview shows how the Hex color 5BE5F3 looks on a white background.

## Color Contrast Check

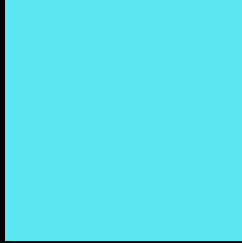
Large Text (above 18pt) WCAG AA × Fail

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 5BE5F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

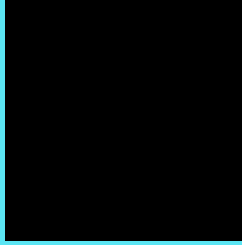
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5BE5F3 Background



This preview shows how black text looks on a background with the Hex color 5BE5F3.

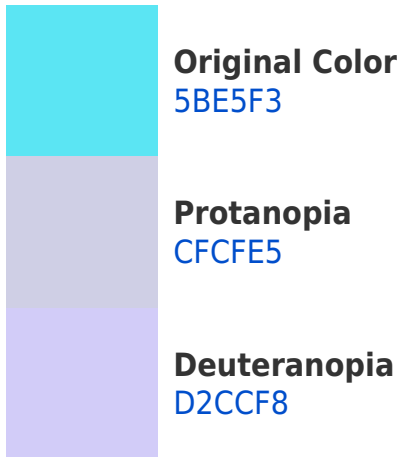


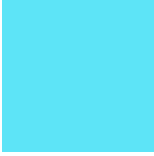
This preview shows how white text looks on a background with the Hex color 5BE5F3.

# 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](#).

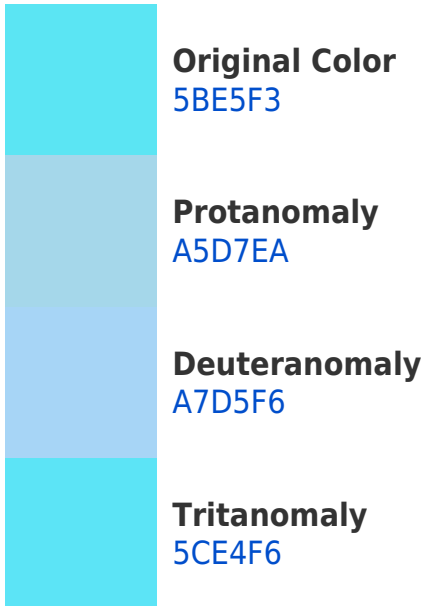
## Dichromacy



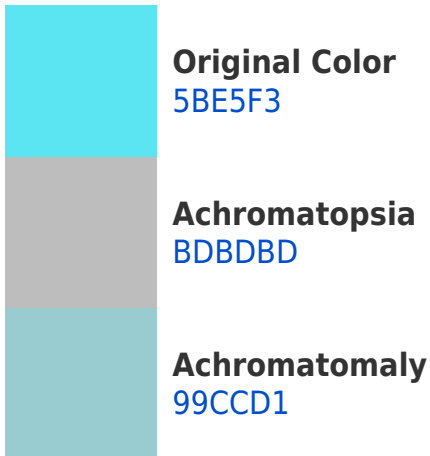


**Tritanopia**  
5DE4F7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BE5F3 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 #5BE5F3 looks like.

```
.text, #text, p{  
    color:#5BE5F3  
}
```

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 #5BE5F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BE5F3
}
```

## Border

The CSS property to change the border of an element to Hex 5BE5F3 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
#5BE5F3 }
```

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

```
.border{ border-color:#5BE5F3 }
```

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

Here you see how a box with a 4 pixel #5BE5F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BE5F3; -webkit-box-shadow:4px 4px  
4px 4px #5BE5F3; box-shadow:4px 4px 4px  
4px #5BE5F3 }
```

# Background

The CSS property to change the background color of an element to Hex 5BE5F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BE5F3 }
```

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

```
.background{ background-color:#5BE5F3 }
```

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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