

# Converting Colors

Hex(5BE8F3)

Have a look what the booklet for  
Hex(5BE8F3) contains.

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# **Color**

**Hex(5BE8F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BE8F3
RGB	91, 232, 243
RGB Percent	36%, 91%, 95%
CMY	0.6431, 0.0902, 0.0471
CMYK	0.63, 0.05, 0.00, 0.05
HSL	184°, 86%, 65%
HSV	184°, 63%, 95%
XYZ	49.3487, 66.4084, 95.0112
YIQ	191.0950, -87.5670, -26.4710

# Conversions

## Conversions Part 2

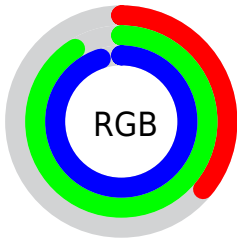
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	91, 164, 243
Decimal	6023411
CIE Lab	85.20, -34.36, -16.63
CIE LCh	85, 38.171, 205.825
Yxy	66.4084, 0.2341, 0.3151
Android (android.graphics.Color)	4284213491 (0xFF5BE8F3)
YUV	191.0950, 25.5892, -87.7833
Hunter-Lab	81.4914, -34.5158, -12.0825

# Details

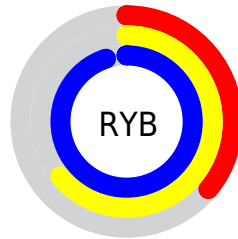
The Hex color **5BE8F3** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **F3665B**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **9CFFFF**, and **00B0BB** is the 20% darker color. If you saturate the color by 10%, you get **43E6F3**, and if you desaturate by 10%, it is **73EAF3**.

# Distribution



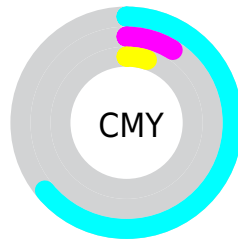
- Red (36%)
- Green (91%)
- Blue (95%)



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



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



- Cyan (64%)
- Magenta (9%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BE8F3 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 5BE8F3 by changing the saturation by 10% instead.



 5BE8F3

 5BE8F3

FFFFFF

 34CCD7

 9CFFFF

 00B0BB

 BBFFFF

 0095A0

 DAFFFF

 007B86

 F9FFFF

 00616C

 004954

 00313D

 001C27

 000112

 5BE8F3

 5BE8F3

 43E6F3

 73EAF3

 2AE4F3

 8CECF3

 12E3F3

 A4EDF3

 00E1F3

 BCEFF3

 D4F1F3

 EDF3F3

 FFF4F3

 FFF6F3

 FFF8F3

# Harmonies

## Analogous

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



79E8CE



5BE8F3



6AE3FF

# Triad

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



5BE8F3



FEC1FE



F2D18D

# Complementary

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



5BE8F3



F3665B

# 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.



FFC59A



5BE8F3



FFBADB

# Square

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



5BE8F3



D3CDFF



FFBCB7



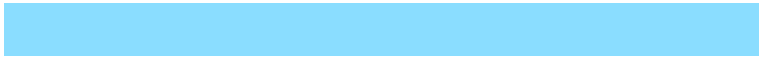
CDDC93

# Rectangle

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



5BE8F3



8ADDFE



FFBCB7



FDCD8F



# Sweetspot

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



5BE8F3



CFFBFF



5BF365



627D80



000000



808080



# Same Dimension

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



5BE8F3



40F1FF



5B9DF3



6E7A7A



00ADBA



00363B



# Inverse Universe

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



F35BE8



FF40F1



F3B15B



7A6E7A



BA00AD

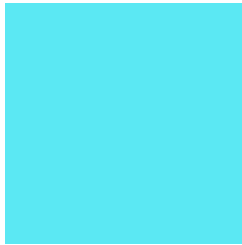


3B0036



# Previews

## White Background



This preview shows how the Hex color 5BE8F3 looks on a white background.

## Color Contrast Check

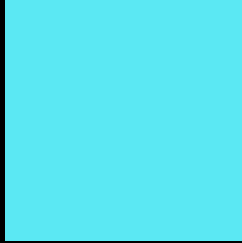
Large Text (above 18pt) WCAG AA × Fail

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 5BE8F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

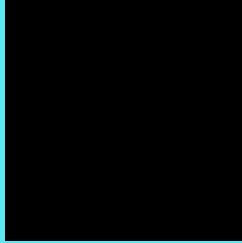
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5BE8F3 Background



This preview shows how black text looks on a background with the Hex color 5BE8F3.

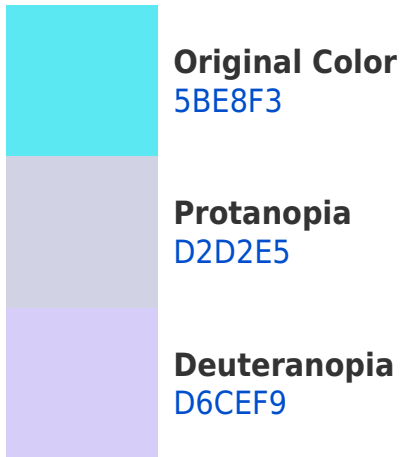


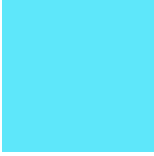
This preview shows how white text looks on a background with the Hex color 5BE8F3.

# 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



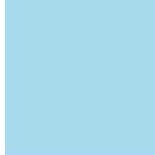


**Tritanopia**  
5EE7FA

# Trichromacy



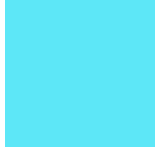
**Original Color**  
5BE8F3



**Protanomaly**  
A7DAEA



**Deuteranomaly**  
A9D7F7

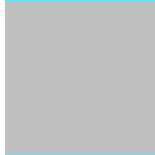


**Tritanomaly**  
5DE7F7

# Monochromacy



**Original Color**  
5BE8F3



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
9BCED2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BE8F3 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 #5BE8F3 looks like.

```
.text, #text, p{  
    color:#5BE8F3  
}
```

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 #5BE8F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BE8F3  
}
```

## Border

The CSS property to change the border of an element to Hex 5BE8F3 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  
#5BE8F3 }
```

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

```
.border{ border-color:#5BE8F3 }
```

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

Here you see how a box with a 4 pixel #5BE8F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BE8F3; -webkit-box-shadow:4px 4px  
4px 4px #5BE8F3; box-shadow:4px 4px 4px  
4px #5BE8F3 }
```

# Background

The CSS property to change the background color of an element to Hex 5BE8F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BE8F3 }
```

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

```
.background{ background-color:#5BE8F3 }
```

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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