

# Converting Colors

Hex(8BF3E1)

Have a look what the booklet for  
Hex(8BF3E1) contains.

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# Color

**Hex(8BF3E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BF3E1
RGB	139, 243, 225
RGB Percent	55%, 95%, 88%
CMY	0.4549, 0.0471, 0.1176
CMYK	0.43, 0.00, 0.07, 0.05
HSL	170°, 81%, 75%
HSV	170°, 43%, 95%
XYZ	56.2887, 75.0264, 82.7490
YIQ	209.8520, -56.2060, -27.6460

# Conversions

## Conversions Part 2

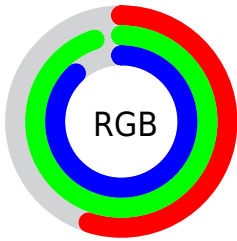
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 196, 243
Decimal	9171937
CIE <sub>Lab</sub>	89.41, -34.45, -0.78
CIE <sub>LCh</sub>	89, 34.457, 181.299
Yxy	75.0264, 0.2630, 0.3505
Android (android.graphics.Color)	4287362017 (0xFF8BF3E1)
<b>YUV</b>	209.8520, 7.4680, -62.1372
Hunter-Lab	86.6178, -35.5827, 3.9906

# Details

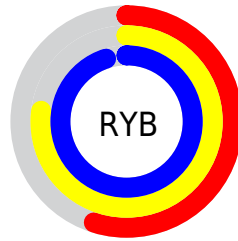
The Hex color **8BF3E1** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F38B9D**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **C5FFFF**, and **51BAAA** is the 20% darker color. If you saturate the color by 10%, you get **73F3DD**, and if you desaturate by 10%, it is **A3F3E5**.

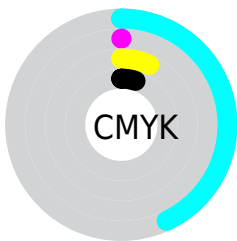
# Distribution



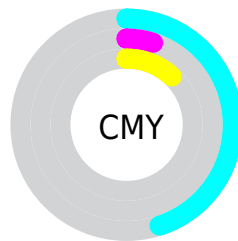
- Red (55%)
- Green (95%)
- Blue (88%)



- Red (55%)
- Yellow (77%)
- Blue (95%)



- Cyan (43%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (45%)
- Magenta (5%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BF3E1 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 8BF3E1 by changing the saturation by 10% instead.



 8BF3E1

FFFFFF

 C5FFFF

 E3FFFF

 8BF3E1

 6ED6C5

 51BAAA

 319F8F

 008576

 006B5D

 005246

 003A2F

 00251B

 000000

 8BF3E1

 8BF3E1

 73F3DD

 A3F3E5

 5AF3D9

 BCF3E9

 42F3D4

 D4F3EE

 2AF3D0

 ECF3F2

 11F3CC

 FFF3F6

 00F3C9

 FFF3FA

 FFF3FE

 FFF3FF

# Harmonies

## Analogous

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



ADF0C0



8BF3E1



7BF2FF

# Triad

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



8BF3E1



E7D8FF



FFD4A8

# Complementary

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



8BF3E1



F38B9D

# 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.



FFCBC0



8BF3E1



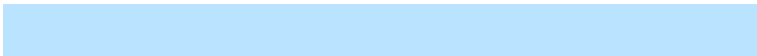
FFCDFF

# Square

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



8BF3E1



B9E3FF



FFC8E0



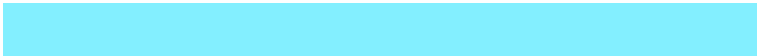
F7DF9F

# Rectangle

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



8BF3E1



83EFFF



FFC8E0



FFD1AF

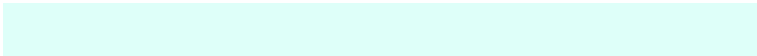


# Sweetspot

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



8BF3E1



DEFFF9



9EF38B



6B807C



000000



808080

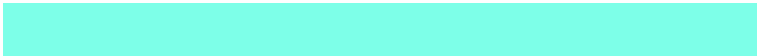


# Same Dimension

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



8BF3E1



7DFFE8



8BD2F3



6E7A78



00BA9A



003B30



# Inverse Universe

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



F38B9D



FF7D93



F3AC8B



7A6E70



BA0020

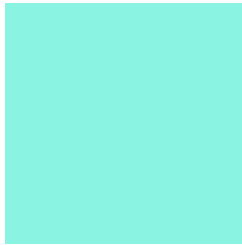


3B000A



# Previews

## White Background



This preview shows how the Hex color 8BF3E1 looks on a white background.

## Color Contrast Check

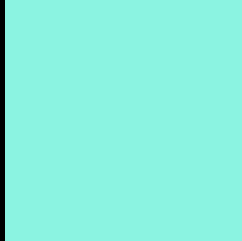
Large Text (above 18pt) WCAG AA × Fail

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 8BF3E1 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 8BF3E1 Background



This preview shows how black text looks on a background with the Hex color 8BF3E1.



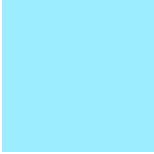
This preview shows how white text looks on a background with the Hex color 8BF3E1.

# 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**  
9BEDFF

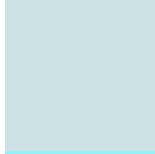
# Trichromacy



**Original Color**  
8BF3E1



**Protanomaly**  
C5E6D9



**Deuteranomaly**  
CDE2E5

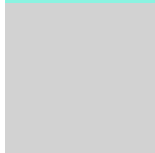


**Tritanomaly**  
95EFF4

# Monochromacy



**Original Color**  
8BF3E1



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
B8DED7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BF3E1 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 #8BF3E1 looks like.

```
.text, #text, p{  
    color:#8BF3E1  
}
```

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 #8BF3E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BF3E1
}
```

## Border

The CSS property to change the border of an element to Hex 8BF3E1 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
#8BF3E1 }
```

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

```
.border{ border-color:#8BF3E1 }
```

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

Here you see how a box with a 4 pixel #8BF3E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BF3E1; -webkit-box-shadow:4px 4px  
4px 4px #8BF3E1; box-shadow:4px 4px 4px  
4px #8BF3E1 }
```

# Background

The CSS property to change the background color of an element to Hex 8BF3E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BF3E1 }
```

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

```
.background{ background-color:#8BF3E1 }
```

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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