

Converting Colors

Hex(8BEEE6)

Have a look what the booklet for
Hex(8BEEE6) contains.

| | |
|--|----|
| Hex(8BEEE6) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(8BEEE6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8BEEE6 |
| RGB | 139, 238, 230 |
| RGB Percent | 55%, 93%, 90% |
| CMY | 0.4549, 0.0667, 0.0980 |
| CMYK | 0.42, 0.00, 0.03, 0.07 |
| HSL | 175°, 74%, 74% |
| HSV | 175°, 42%, 93% |
| XYZ | 55.5049, 72.3512, 85.9027 |
| YIQ | 207.4870, -56.4360, -23.4760 |

Conversions

Conversions Part 2

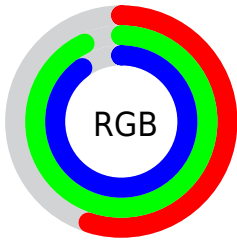
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 139, 191, 238 |
| Decimal | 9170662 |
| CIELab | 88.14, -30.94, -5.26 |
| CIELCh | 88, 31.384, 189.643 |
| Yxy | 72.3512, 0.2597, 0.3385 |
| Android (android.graphics.Color) | 4287360742 (0xFF8BEE6) |
| YUV | 207.4870, 11.0989, -60.0631 |
| Hunter-Lab | 85.0595, -32.3754, -0.3361 |

Details

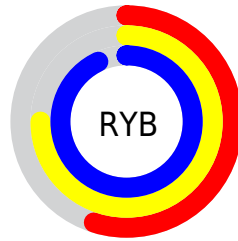
The Hex color **8BEEE6** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EE8B93**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **C5FFFF**, and **51B6AF** is the 20% darker color. If you saturate the color by 10%, you get **73EEE4**, and if you desaturate by 10%, it is **A3EEE8**.

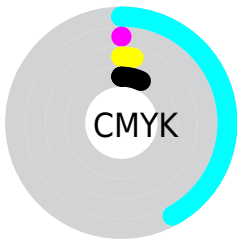
Distribution



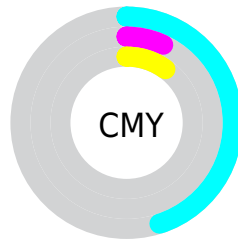
- Red (55%)
- Green (93%)
- Blue (90%)



- Red (55%)
- Yellow (75%)
- Blue (93%)



- Cyan (42%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (45%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BEEE6 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 8BEEE6 by changing the saturation by 10% instead.

 8BEEE6

 8BEEE6

FFFFFF

 6ED2CA

 C5FFFF

 51B6AF

 E2FFFF

 319B94

 00807A

 006761

 004E4A

 003733

 00231E

 000005

 8BEEE6

 8BEEE6

 73EEE4

 A3EEE8

 5BEEE2

 BBEEEA

 44EEE0

 D2EEEC

 2CEEDE

 EAEEEE

 14EEDC

 FFEEF0

 00EEDB

 FFEEF2

 FFEEF3

 FFEEF5

 FFEEF7

Harmonies

Analogous

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



A6ECC7



8BEEE6



85ECFF

Triad

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



8BEEE6



EED2FF



FFD4A6

Complementary

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



8BEEE6



EE8B93

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.



FFCBB8



8BEEE6



FFCAF3

Square

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



8BEEE6



C6DDFF



FFC7D4



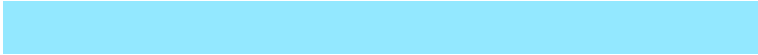
E9DEA2

Rectangle

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



8BEEE6



93E8FF



FFC7D4



FFD1AB

Sweetspot

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



8BEEE6



E0FFFD



93EE8B



6E807E



000000



808080

Same Dimension

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



8BEEE6



80FFF5



8BC5EE



6C7877



00B8A9



003834

Inverse Universe

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



EE8B93



FF808A



EEB48B



786C6D



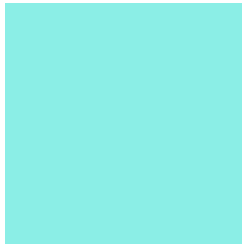
B8000F



380005

Previews

White Background



This preview shows how the Hex color 8BEEE6 looks on a white background.

Color Contrast Check

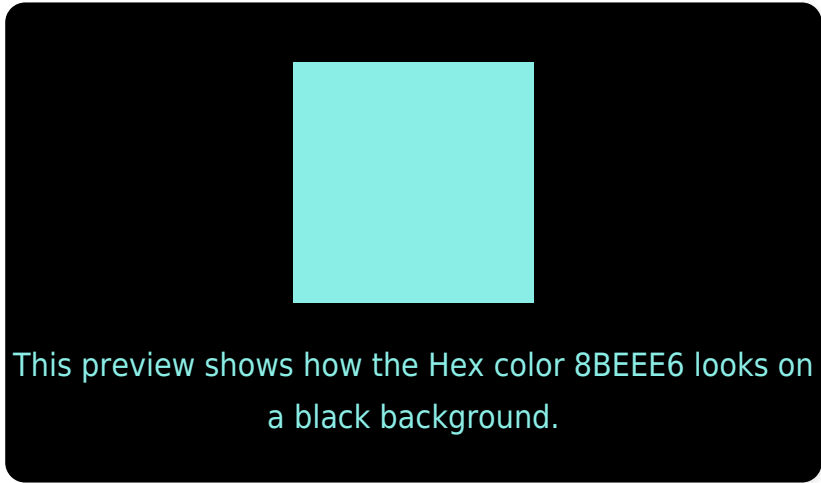
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

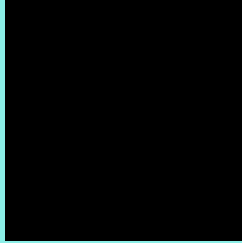
Any Text WCAG AA ✓ Pass

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 8BEEE6 Background



This preview shows how black text looks on a background with the Hex color 8BEEE6.

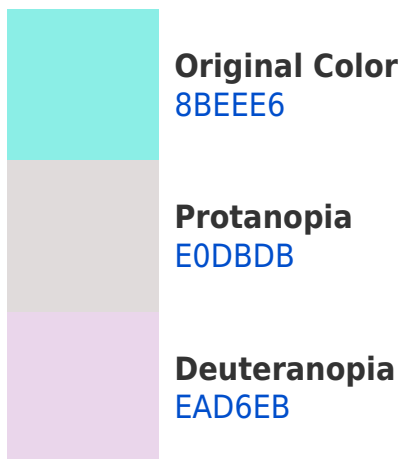


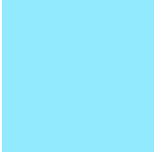
This preview shows how white text looks on a background with the Hex color 8BEEE6.

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
91EAFD

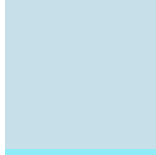
Trichromacy



Original Color
8BEEE6



Protanomaly
C1E2DF



Deuteranomaly
C7DFE9

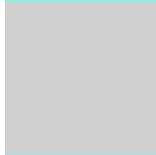


Tritanomaly
8FEBF5

Monochromacy



Original Color
8BEEE6



Achromatopsia
CFCFCF



Achromatomaly
B6DAD7

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BEEE6 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 #8BEEE6 looks like.

```
.text, #text, p{  
    color:#8BEEE6  
}
```

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 #8BEEE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BEEE6  
}
```

Border

The CSS property to change the border of an element to Hex 8BEEE6 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  
#8BEEE6 }
```

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

```
.border{ border-color:#8BEEE6 }
```

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

Here you see how a box with a 4 pixel #8BEEE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BEEE6; -webkit-box-shadow:4px 4px  
4px 4px #8BEEE6; box-shadow:4px 4px 4px  
4px #8BEEE6 }
```

Background

The CSS property to change the background color of an element to Hex 8BEEE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BEEE6 }
```

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

```
.background{ background-color:#8BEEE6 }
```

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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