

Converting Colors

Hex(8BE5E6)

Have a look what the booklet for
Hex(8BE5E6) contains.

Hex(8BE5E6)	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(8BE5E6)

Conversions

Conversions Part 1

Format	Color
Hex	8BE5E6
RGB	139, 229, 230
RGB Percent	55%, 90%, 90%
CMY	0.4549, 0.1020, 0.0980
CMYK	0.40, 0.00, 0.00, 0.10
HSL	181°, 65%, 72%
HSV	181°, 40%, 90%
XYZ	52.9497, 67.2408, 85.0509
YIQ	202.2040, -53.9610, -18.7690

Conversions

Conversions Part 2

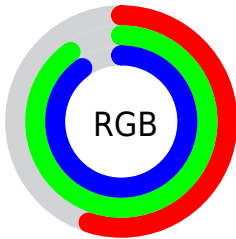
Format	Color
RYB	139, 184, 230
Decimal	9168358
CIELab	85.63, -26.63, -8.98
CIELCh	86, 28.099, 198.628
Yxy	67.2408, 0.2580, 0.3276
Android (android.graphics.Color)	4287358438 (0xFF8BE5E6)
YUV	202.2040, 13.7034, -55.4299
Hunter-Lab	82.0005, -28.2390, -4.0953

Details

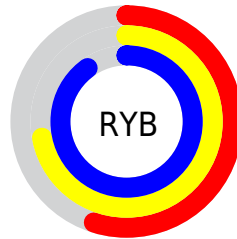
The Hex color **8BE5E6** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E68C8B**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **C4FFFF**, and **52ADAF** is the 20% darker color. If you saturate the color by 10%, you get **74E5E6**, and if you desaturate by 10%, it is **A2E5E6**.

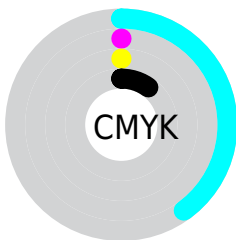
Distribution



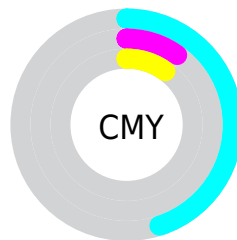
- Red (55%)
- Green (90%)
- Blue (90%)



- Red (55%)
- Yellow (72%)
- Blue (90%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 8BE5E6 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 8BE5E6 by changing the saturation by 10% instead.

 8BE5E6

FFFFFF

 C4FFFF

 E2FFFF

 8BE5E6

 6FC9CA

 52ADAF

 339294

 07787A

 005F61

 00474A

 003033

 001D1E

 000003

 8BE5E6

 8BE5E6

 74E5E6

 A2E5E6

 5DE4E6

 B9E6E6

 46E4E6

 D0E6E6

 2FE4E6

 E7E6E6

 18E4E6

 FEE6E6

 01E3E6

 FFE7E6

 00E3E6

Harmonies

Analogous

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



9DE4CB



8BE5E6



8EE2FD

Triad

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



8BE5E6



EECAF9



F3D1A2

Complementary

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



8BE5E6



E68C8B

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.



FFC8AF



8BE5E6



FFC4E1

Square

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



8BE5E6



CDD3FF



FFC3C6



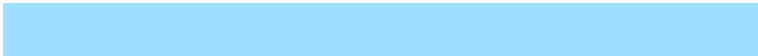
D8DAA3

Rectangle

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



8BE5E6



9EDEFB



FFC3C6



FBCEA5

Sweetspot

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



8BE5E6



E0FFFF



8BE68B



6E7F80



000000



808080

Same Dimension

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



8BE5E6



87FEFF



8BB9E6



677373



00B1B3



003233

Inverse Universe

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



E68BE5



FF87FE



E6B98B



736773



B300B1



330032

Previews

White Background



This preview shows how the Hex color 8BE5E6 looks on a white background.

Color Contrast Check

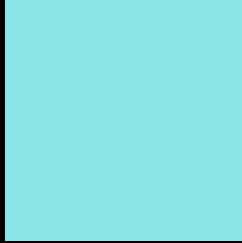
Large Text (above 18pt) WCAG AA × Fail

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 8BE5E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

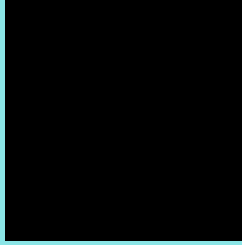
Any Text WCAG AA ✓ Pass

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 8BE5E6 Background



This preview shows how black text looks on a background with the Hex color 8BE5E6.

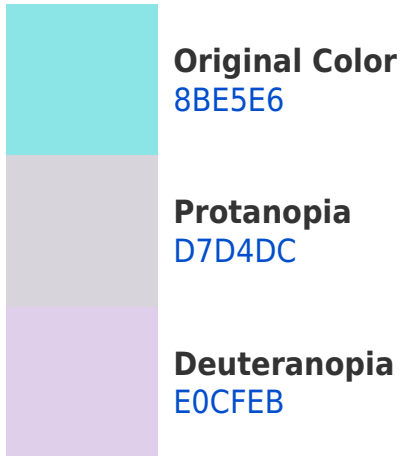


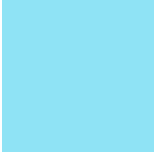
This preview shows how white text looks on a background with the Hex color 8BE5E6.

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



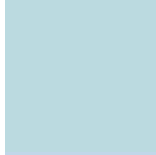


Tritanopia
8FE3F5

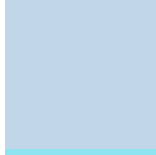
Trichromacy



Original Color
8BE5E6



Protanomaly
BBD4E0



Deuteranomaly
C1D7E9

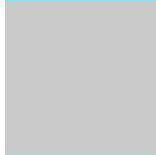


Tritanomaly
8EE4F0

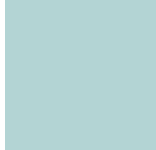
Monochromacy



Original Color
8BE5E6



Achromatopsia
CACACA



Achromatomaly
B3D4D4

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BE5E6 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 #8BE5E6 looks like.

```
.text, #text, p{  
    color:#8BE5E6  
}
```

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 #8BE5E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BE5E6  
}
```

Border

The CSS property to change the border of an element to Hex 8BE5E6 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  
#8BE5E6 }
```

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

```
.border{ border-color:#8BE5E6 }
```

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

Here you see how a box with a 4 pixel #8BE5E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BE5E6; -webkit-box-shadow:4px 4px  
4px 4px #8BE5E6; box-shadow:4px 4px 4px  
4px #8BE5E6 }
```

Background

The CSS property to change the background color of an element to Hex 8BE5E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BE5E6 }
```

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

```
.background{ background-color:#8BE5E6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor