

# Converting Colors

Hex(8BE5C6)

Have a look what the booklet for  
Hex(8BE5C6) contains.

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# Color

**Hex(8BE5C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BE5C6
RGB	139, 229, 198
RGB Percent	55%, 90%, 78%
CMY	0.4549, 0.1020, 0.2235
CMYK	0.39, 0.00, 0.14, 0.10
HSL	159°, 63%, 72%
HSV	159°, 39%, 90%
XYZ	48.8598, 65.6048, 63.5139
YIQ	198.5560, -43.6890, -28.7210

# Conversions

## Conversions Part 2

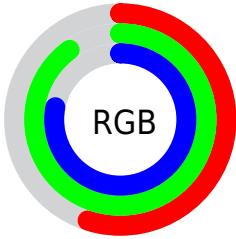
Format	Color
<a href="#">RYB</a>	<a href="#">139, 193, 229</a>
Decimal	<a href="#">9168326</a>
CIELab	<a href="#">84.79, -33.92, 6.67</a>
CIELCh	<a href="#">85, 34.574, 168.869</a>
Yxy	<a href="#">65.6048, 0.2745, 0.3686</a>
Android (android.graphics.Color)	<a href="#">4287358406 (0xFF8BE5C6)</a>
YUV	<a href="#">198.5560, -0.2741, -52.2306</a>
Hunter-Lab	<a href="#">80.9968, -34.0676, 10.2053</a>

# Details

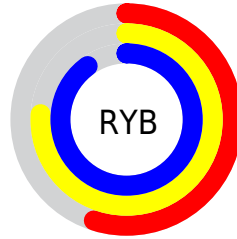
The Hex color **8BE5C6** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E58BAA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **C4FFFF**, and **53AD90** is the 20% darker color. If you saturate the color by 10%, you get **74E5BE**, and if you desaturate by 10%, it is **A2E5CE**.

# Distribution



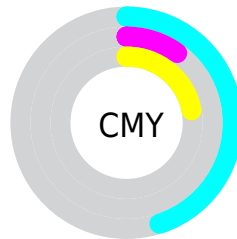
- Red (55%)
- Green (90%)
- Blue (78%)



- Red (55%)
- Yellow (76%)
- Blue (90%)



- Cyan (39%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (45%)
- Magenta (10%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BE5C6 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 8BE5C6 by changing the saturation by 10% instead.



 8BE5C6

FFFFFF

 C4FFFF

 E1FFFF

FEFFFF

 8BE5C6

 6FC9AB

 53AD90

 379277

 14785E

 005F46

 004630

 002F1B

 001900

 000000

 8BE5C6

 8BE5C6

 74E5BE

 A2E5CE

 5DE5B6

 B9E5D6

 46E5AE

 D0E5DE

 2FE5A6

 E7E5E6

 18E59F

 FEE5ED

 02E597

 FFE5F5

 00E596

 FFE5FD

 FFE5FF

# Harmonies

## Analogous

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



B0E0A8



8BE5C6



6FE6E8

# Triad

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



8BE5C6



C8D0FF



FFC3A4

# Complementary

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



8BE5C6



E58BAA

# 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.



FFBCC0



8BE5C6



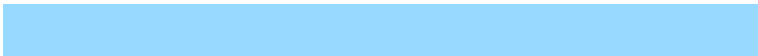
F1C4FF

# Square

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



8BE5C6



98DAFF



FFBDE1



F6CD94

# Rectangle

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



8BE5C6



6DE4FC



FFBDE1



FFC0AC

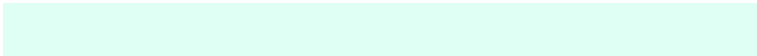


# Sweetspot

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



8BE5C6



E0FFF4



ABE58B



6E8079



000000



808080



# Same Dimension

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



8BE5C6



87FFD6



8BD7E5



67736F



00B375



003321



# Inverse Universe

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



E58BAA



FF87B0



E5998B



73676B



B3003D

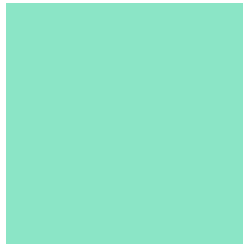


330012



# Previews

## White Background



This preview shows how the Hex color 8BE5C6 looks on a white background.

## Color Contrast Check

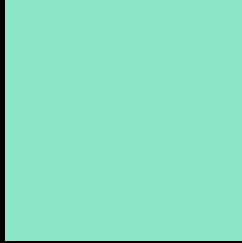
Large Text (above 18pt) WCAG AA × Fail

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 8BE5C6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

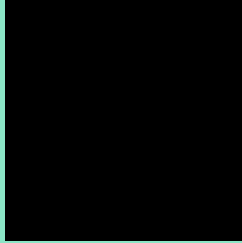
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

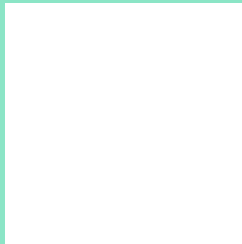
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8BE5C6 Background



This preview shows how black text looks on a background with the Hex color 8BE5C6.

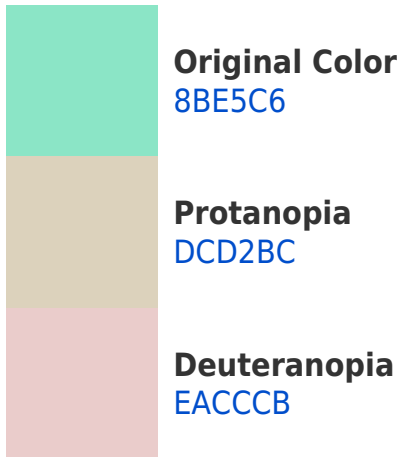


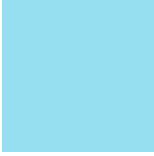
This preview shows how white text looks on a background with the Hex color 8BE5C6.

# 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](#).

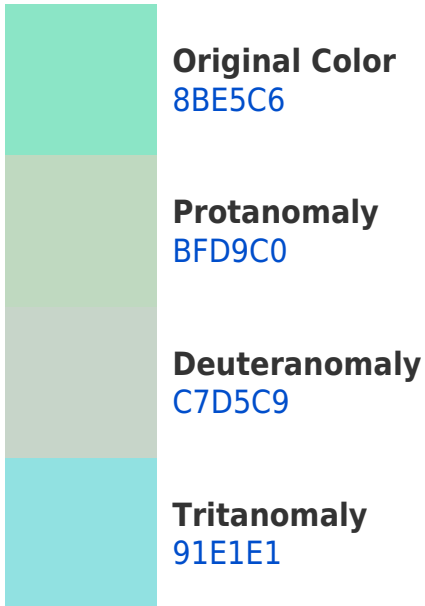
## Dichromacy



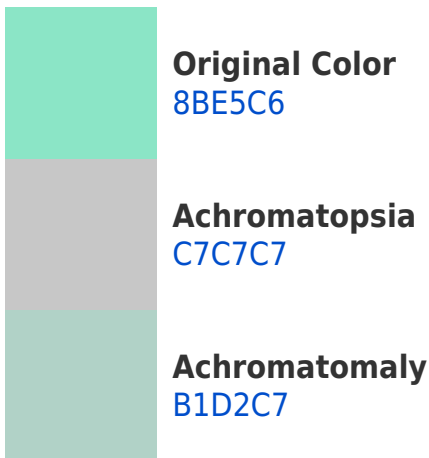


**Tritanopia**  
95DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BE5C6 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 #8BE5C6 looks like.

```
.text, #text, p{  
    color:#8BE5C6  
}
```

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 #8BE5C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BE5C6
}
```

## Border

The CSS property to change the border of an element to Hex 8BE5C6 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
#8BE5C6 }
```

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

```
.border{ border-color:#8BE5C6 }
```

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

Here you see how a box with a 4 pixel #8BE5C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BE5C6; -webkit-box-shadow:4px 4px  
4px 4px #8BE5C6; box-shadow:4px 4px 4px  
4px #8BE5C6 }
```

# Background

The CSS property to change the background color of an element to Hex 8BE5C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BE5C6 }
```

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

```
.background{ background-color:#8BE5C6 }
```

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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