

Converting Colors

Hex(8BE3B2)

Have a look what the booklet for
Hex(8BE3B2) contains.

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Color

Hex(8BE3B2)

Conversions

Conversions Part 1

Format	Color
Hex	8BE3B2
RGB	139, 227, 178
RGB Percent	55%, 89%, 70%
CMY	0.4549, 0.1098, 0.3020
CMYK	0.39, 0.00, 0.22, 0.11
HSL	147°, 61%, 72%
HSV	147°, 39%, 89%
XYZ	46.1524, 63.6415, 51.9710
YIQ	195.1020, -36.7190, -33.8950

Conversions

Conversions Part 2

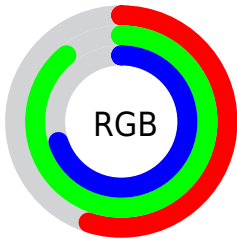
Format	Color
RYB	139, 200, 227
Decimal	9167794
CIELab	83.78, -37.08, 15.73
CIElCh	84, 40.283, 157.014
Yxy	63.6415, 0.2853, 0.3934
Android (android.graphics.Color)	4287357874 (0xFF8BE3B2)
YUV	195.1020, -8.4313, -49.2015
Hunter-Lab	79.7756, -36.3401, 17.2176

Details

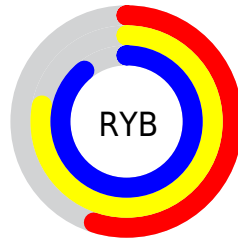
The Hex color **8BE3B2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E38BBC**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C3FFEA**, and **54AB7D** is the 20% darker color. If you saturate the color by 10%, you get **74E3A5**, and if you desaturate by 10%, it is **A2E3BF**.

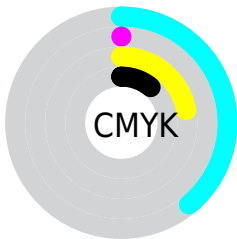
Distribution



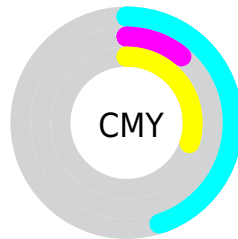
- Red (55%)
- Green (89%)
- Blue (70%)



- Red (55%)
- Yellow (78%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8BE3B2 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 8BE3B2 by changing the saturation by 10% instead.

 8BE3B2

 8BE3B2

FFFFFF

 6FC797

 C3FFEA

 54AB7D

 E0FFFF

 389064

FEFFFF

 18764C

 005D35

 00441F

 002D09

 001600

 000000

 8BE3B2

 8BE3B2

 74E3A5

 A2E3BF

 5EE399

 B8E3CB

 47E38C

 CFE3D8

 30E37F

 E6E3E5

 1AE373

 FCE3F1

 03E366

 FFE3FE

 00E365

 FFE3FF

Harmonies

Analogous

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



B9DC93



8BE3B2



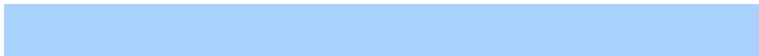
5DE6D9

Triad

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



8BE3B2



AAD2FF



FFB9A5

Complementary

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



8BE3B2



E38BBC

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.



FFB4C9



8BE3B2



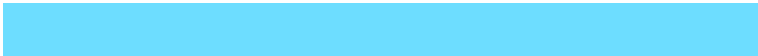
E1C4FF

Square

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



8BE3B2



6DDDFE



FFB8EF



FFC48C

Rectangle

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



8BE3B2



47E5F2



FFB8EF



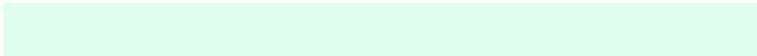
FFB6B0

Sweetspot

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



8BE3B2



E0FFEE



BDE38B



6E8076



000000



808080

Same Dimension

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



8BE3B2



87FFBC



8BE3DD



67736C



00B34F



003317

Inverse Universe

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



E38BBC



FF87CA



E38B91



73676E



B30063



33001C

Previews

White Background



This preview shows how the Hex color 8BE3B2 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 8BE3B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

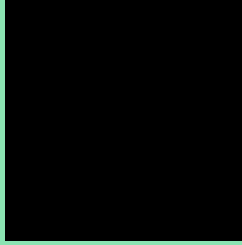
Any Text WCAG AA ✓ Pass

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 8BE3B2 Background



This preview shows how black text looks on a background with the Hex color 8BE3B2.

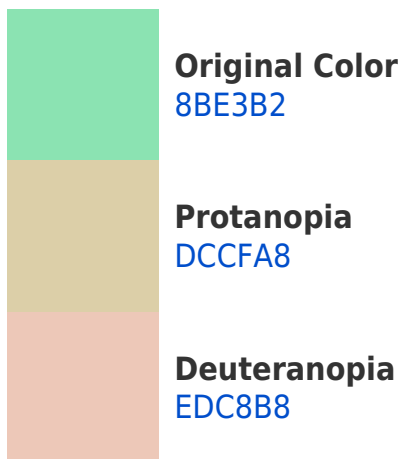


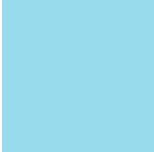
This preview shows how white text looks on a background with the Hex color 8BE3B2.

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
98DBED

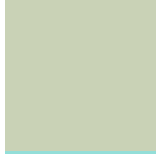
Trichromacy



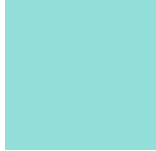
Original Color
8BE3B2



Protanomaly
BFD6AC



Deuteranomaly
C9D2B6

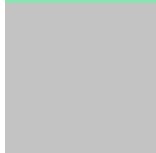


Tritanomaly
93DED8

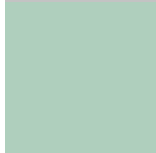
Monochromacy



Original Color
8BE3B2



Achromatopsia
C3C3C3



Achromatomaly
AFCFBD

CSS Examples

Text

The CSS property to change the color of the text to Hex 8BE3B2 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 #8BE3B2 looks like.

```
.text, #text, p{  
    color:#8BE3B2  
}
```

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 #8BE3B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BE3B2
}
```

Border

The CSS property to change the border of an element to Hex 8BE3B2 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
#8BE3B2 }
```

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

```
.border{ border-color:#8BE3B2 }
```

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

Here you see how a box with a 4 pixel #8BE3B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BE3B2; -webkit-box-shadow:4px 4px  
4px 4px #8BE3B2; box-shadow:4px 4px 4px  
4px #8BE3B2 }
```

Background

The CSS property to change the background color of an element to Hex 8BE3B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BE3B2 }
```

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

```
.background{ background-color:#8BE3B2 }
```

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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