

# Converting Colors

Hex(8BE2AF)

Have a look what the booklet for  
Hex(8BE2AF) contains.

<b>Hex(8BE2AF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8BE2AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BE2AF
RGB	139, 226, 175
RGB Percent	55%, 89%, 69%
CMY	0.4549, 0.1137, 0.3137
CMYK	0.38, 0.00, 0.23, 0.11
HSL	145°, 60%, 72%
HSV	145°, 38%, 89%
XYZ	45.5817, 62.9768, 50.3108
YIQ	194.1730, -35.4810, -34.3050

# Conversions

## Conversions Part 2

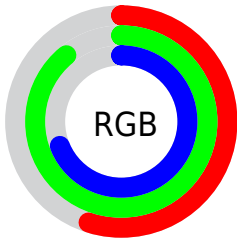
Format	Color
RYB	139, 201, 226
Decimal	9167535
CIELab	83.43, -37.21, 16.81
CIElCh	83, 40.830, 155.685
Yxy	62.9768, 0.2869, 0.3964
Android (android.graphics.Color)	4287357615 (0xFF8BE2AF)
YUV	194.1730, -9.4523, -48.3867
Hunter-Lab	79.3579, -36.3494, 17.9623

# Details

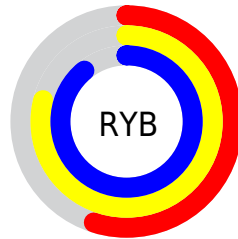
The Hex color **8BE2AF** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E28BBE**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **C3FFE7**, and **54AA7A** is the 20% darker color. If you saturate the color by 10%, you get **74E2A2**, and if you desaturate by 10%, it is **A2E2BC**.

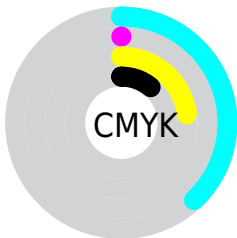
# Distribution



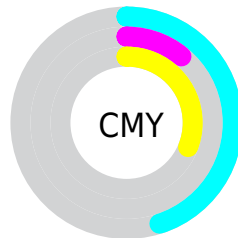
- Red (55%)
- Green (89%)
- Blue (69%)



- Red (55%)
- Yellow (79%)
- Blue (89%)



- Cyan (38%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BE2AF 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 8BE2AF by changing the saturation by 10% instead.



 8BE2AF

FFFFFF

 C3FFE7

 E0FFFF

FEFFFF

 8BE2AF

 70C694

 54AA7A

 388F61

 187549

 005C33

 00441D

 002D05

 001400

 000000

 8BE2AF

 8BE2AF

 74E2A2

 A2E2BC

 5EE295

 B8E2C9

 47E287

 CFE2D7

 31E27A

 E5E2E4

 1AE26D

 FCE2F1

 03E260

 FFE2FE

 00E25E

 FFE2FF

# Harmonies

## Analogous

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



B9DB90



8BE2AF



5BE5D6

# Triad

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



8BE2AF



A6D1FF



FFB7A5

# Complementary

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



8BE2AF



E28BBE

# 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.



FFB2CA



8BE2AF



DEC3FF

# Square

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



8BE2AF



67DCFF



FFB7F0



FFC38B

# Rectangle

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



8BE2AF



42E4F0



FFB7F0



FFB5B1

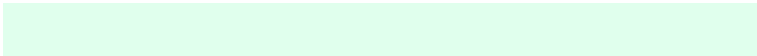


# Sweetspot

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



8BE2AF



E0FFED



BFE28B



6E8075



000000



808080



# Same Dimension

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



8BE2AF



8AFFBA



8BE2D9



65706A



00B049



003014



# Inverse Universe

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



E28BBE



FF8ACE



E28B94



70656C



B00067

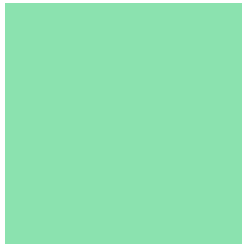


30001C



# Previews

## White Background



This preview shows how the Hex color 8BE2AF looks on a white background.

## Color Contrast Check

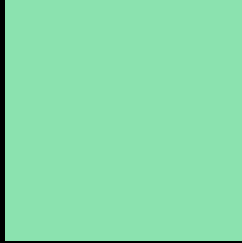
Large Text (above 18pt) WCAG AA × Fail

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 8BE2AF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

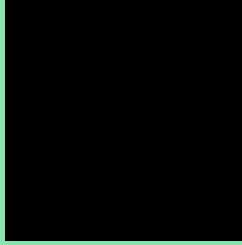
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8BE2AF Background



This preview shows how black text looks on a background with the Hex color 8BE2AF.

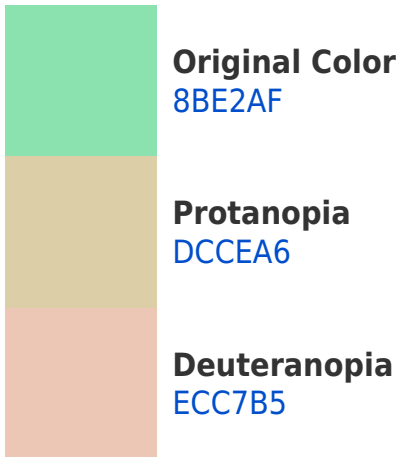


This preview shows how white text looks on a background with the Hex color 8BE2AF.

# 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**  
98DAEB

# Trichromacy



**Original Color**  
8BE2AF



**Protanomaly**  
BFD5A9



**Deuteranomaly**  
C9D1B3



**Tritanomaly**  
93DDD5

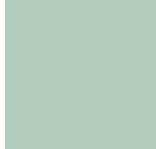
# Monochromacy



**Original Color**  
8BE2AF



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
AECEBB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BE2AF 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 #8BE2AF looks like.

```
.text, #text, p{  
    color:#8BE2AF  
}
```

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 #8BE2AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BE2AF  
}
```

## Border

The CSS property to change the border of an element to Hex 8BE2AF 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  
#8BE2AF }
```

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

```
.border{ border-color:#8BE2AF }
```

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

Here you see how a box with a 4 pixel #8BE2AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BE2AF; -webkit-box-shadow:4px 4px  
4px 4px #8BE2AF; box-shadow:4px 4px 4px  
4px #8BE2AF }
```

# Background

The CSS property to change the background color of an element to Hex 8BE2AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BE2AF }
```

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

```
.background{ background-color:#8BE2AF }
```

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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