

# Converting Colors

Hex(8DEFBA)

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

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# **Color**

**Hex(8DEFBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DEFBA
RGB	141, 239, 186
RGB Percent	55%, 94%, 73%
CMY	0.4471, 0.0627, 0.2706
CMYK	0.41, 0.00, 0.22, 0.06
HSL	148°, 75%, 75%
HSV	148°, 41%, 94%
XYZ	50.7139, 70.9409, 57.4744
YIQ	203.6560, -41.3950, -37.2590

# Conversions

## Conversions Part 2

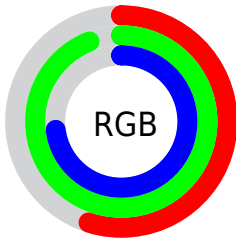
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 208, 239
Decimal	9301946
CIELab	87.46, -40.39, 16.74
CIELCh	87, 43.724, 157.492
Yxy	70.9409, 0.2831, 0.3960
Android (android.graphics.Color)	4287492026 (0xFF8DEFBA)
YUV	203.6560, -8.7044, -54.9493
Hunter-Lab	84.2264, -39.9188, 18.5002

# Details

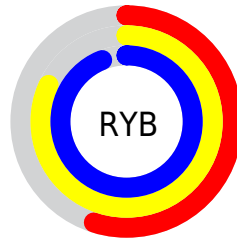
The Hex color **8DEFBA** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EF8DC2**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **C6FFF2**, and **55B685** is the 20% darker color. If you saturate the color by 10%, you get **75EFAD**, and if you desaturate by 10%, it is **A5EFC7**.

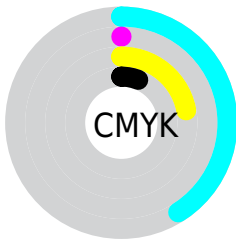
# Distribution



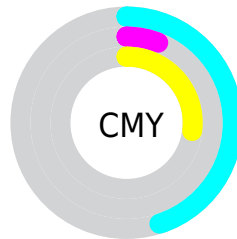
- Red (55%)
- Green (94%)
- Blue (73%)



- Red (55%)
- Yellow (82%)
- Blue (94%)



- Cyan (41%)
- Magenta (0%)
- Yellow (22%)
- Black (6%)



- Cyan (45%)
- Magenta (6%)
- Yellow (27%)

# Brightness & Saturation Gradients

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




 8DEFBA

FFFFFF

 C6FFF2

 E3FFFF

 8DEFBA

 71D29F

 55B685

 389B6B

 138153

 00673C

 004E26

 003611

 002100

 000000

 8DEFBA

 8DEFBA

 75EFAD

 A5EFC7

 5DEFA0

 BDEFD4

 45EF93

 D5EFE1

 2DEF86

 EDEFEE

 16EF79

 FFEFFB

 00EF6E

 FFEFFF

# Harmonies

## Analogous

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



C0E898



8DEFBA



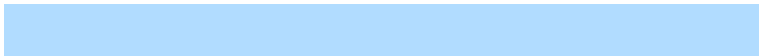
56F2E5

# Triad

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



8DEFBA



B1DCFF



FFC1AB

# Complementary

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



8DEFBA



EF8DC2

# 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.



FFBBD2



8DEFBA



EECDFF

# Square

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



8DEFBA



6BE8FF



FFC0FC



FFCE8F

# Rectangle

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



8DEFBA



39F1FF



FFC0FC



FFBEB7

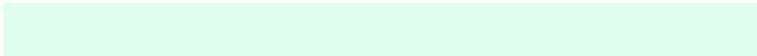


# Sweetspot

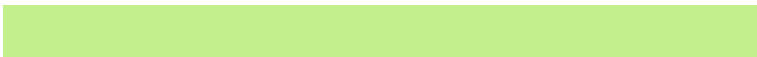
The Sweet Spot groups the original color and five complimentary colors.



8DEFBA



E0FFEE



C3EF8D



6E8076



000000



808080



# Same Dimension

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



8DEFBA



82FFBB



8DEFEA



6C7871



00B854



00381A



# Inverse Universe

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



EF8DC2



FF82C6



EF8D92



786C72



B80063

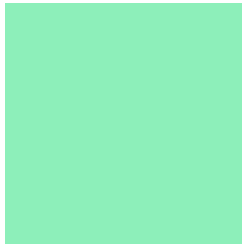


38001E



# Previews

## White Background



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

## Color Contrast Check

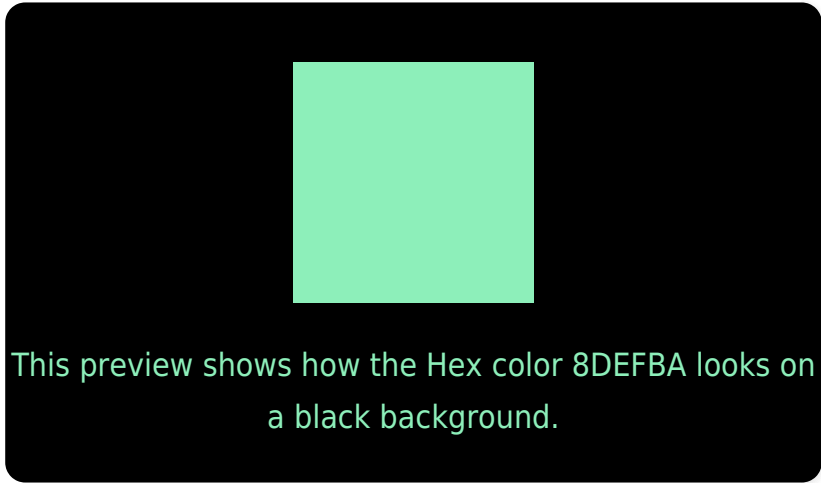
Large Text (above 18pt) WCAG AA × Fail

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 8DEFBA Background



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

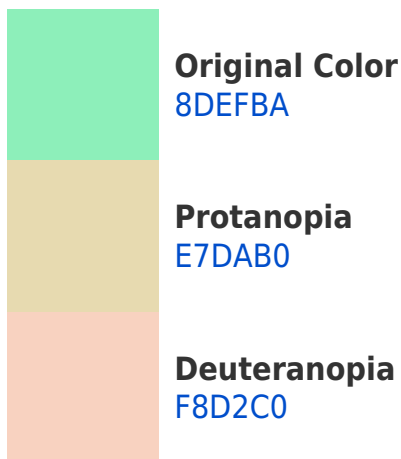


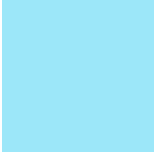
This preview shows how white text looks on a background with the Hex color 8DEFBA.

# 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



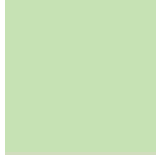


**Tritanopia**  
9CE7F9

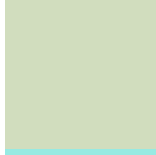
# Trichromacy



**Original Color**  
8DEFBA



**Protanomaly**  
C6E2B4



**Deuteranomaly**  
D1DDBE



**Tritanomaly**  
97EAE2

# Monochromacy



**Original Color**  
8DEFBA



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
B5D9C5

# CSS Examples

## Text

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

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

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 #8DEFBA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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