

# Converting Colors

Hex(8DE1B0)

Have a look what the booklet for  
Hex(8DE1B0) contains.

<b>Hex(8DE1B0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8DE1B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DE1B0
RGB	141, 225, 176
RGB Percent	55%, 88%, 69%
CMY	0.4471, 0.1176, 0.3098
CMYK	0.37, 0.00, 0.22, 0.12
HSL	145°, 58%, 72%
HSV	145°, 37%, 88%
XYZ	45.7462, 62.6477, 50.7554
YIQ	194.2980, -34.3350, -33.0470

# Conversions

## Conversions Part 2

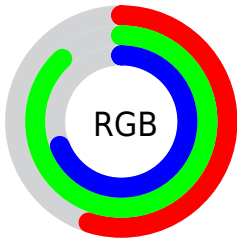
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 200, 225
Decimal	9298352
CIELab	83.26, -35.99, 16.06
CIELCh	83, 39.411, 155.954
Yxy	62.6477, 0.2874, 0.3936
Android (android.graphics.Color)	4287488432 (0xFF8DE1B0)
YUV	194.2980, -9.0209, -46.7423
Hunter-Lab	79.1503, -35.3461, 17.3853

# Details

The Hex color **8DE1B0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E18DBE**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **C5FFE8**, and **56A97B** is the 20% darker color. If you saturate the color by 10%, you get **77E1A3**, and if you desaturate by 10%, it is **A4E1BD**.

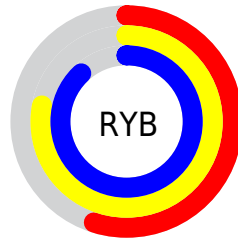
# Distribution



Red (55%)

Green (88%)

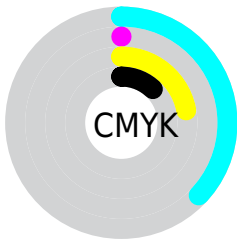
Blue (69%)



Red (55%)

Yellow (78%)

Blue (88%)

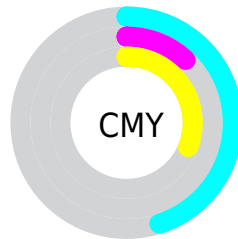


Cyan (37%)

Magenta (0%)

Yellow (22%)

Black (12%)



Cyan (45%)

Magenta (12%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DE1B0 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 8DE1B0 by changing the saturation by 10% instead.



 8DE1B0

FFFFFF

 C5FFE8

 E2FFFF

 8DE1B0

 72C595

 56A97B

 3B8E62

 1D744A

 005B33

 00431E

 002C07

 001400

 000000

 8DE1B0

 8DE1B0

 77E1A3

 A4E1BD

 60E196

 BAE1CA

 4AE189

 D1E1D7

 33E17C

 E7E1E4

 1DE16E

 FEE1F2

 06E161

 FFE1FF

 00E15E

# Harmonies

## Analogous

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



B9DA92



8DE1B0



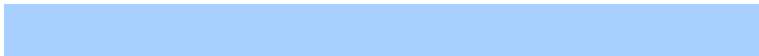
61E4D6

# Triad

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



8DE1B0



A8D0FF



FFB8A6

# Complementary

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



8DE1B0



E18DBE

# 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.



FFB3C9



8DE1B0



DEC3FF

# Square

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



8DE1B0



6DDBFF



FFB8EE



FFC38D

# Rectangle

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



8DE1B0



4CE3EF



FFB8EE



FFB5B1

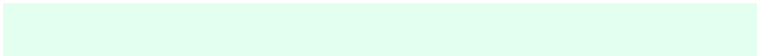


# Sweetspot

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



8DE1B0



E3FFEF



BEE18D



6F8076



000000



808080

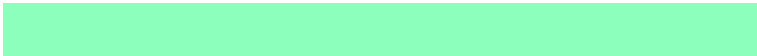


# Same Dimension

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



8DE1B0



8CFFBC



8DE1DA



65706A



00B049



003014



# Inverse Universe

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



E18DBE



FF8CCF



E18D94



70656C



B00067

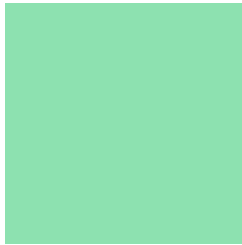


30001C



# Previews

## White Background



This preview shows how the Hex color 8DE1B0 looks on a white background.

## Color Contrast Check

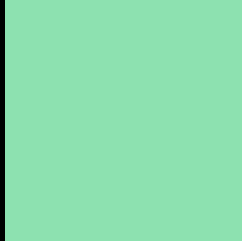
Large Text (above 18pt) WCAG AA × Fail

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 8DE1B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

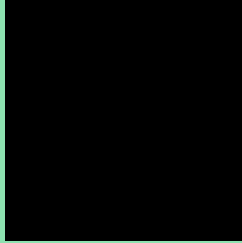
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DE1B0 Background



This preview shows how black text looks on a background with the Hex color 8DE1B0.

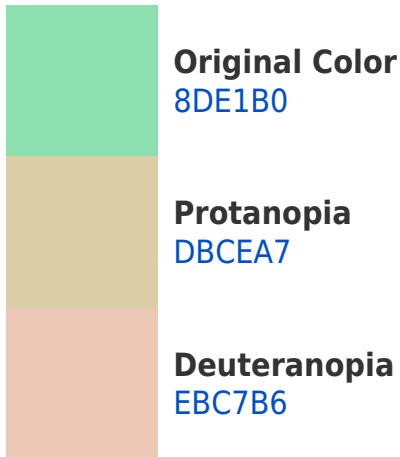


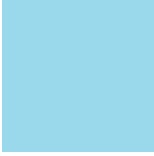
This preview shows how white text looks on a background with the Hex color 8DE1B0.

# 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](#).

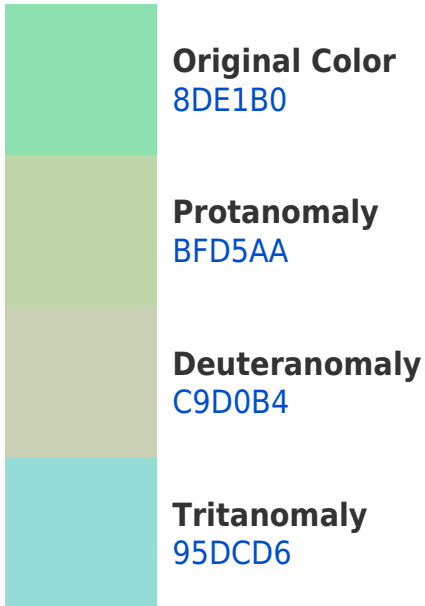
## Dichromacy



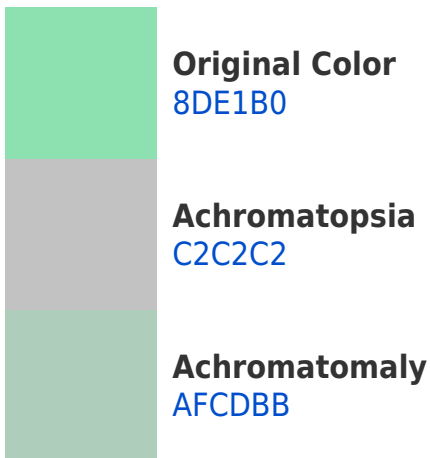


**Tritanopia**  
9AD9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DE1B0 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 #8DE1B0 looks like.

```
.text, #text, p{  
    color:#8DE1B0  
}
```

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 #8DE1B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DE1B0
}
```

## Border

The CSS property to change the border of an element to Hex 8DE1B0 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
#8DE1B0 }
```

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

```
.border{ border-color:#8DE1B0 }
```

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

Here you see how a box with a 4 pixel #8DE1B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DE1B0; -webkit-box-shadow:4px 4px  
4px 4px #8DE1B0; box-shadow:4px 4px 4px  
4px #8DE1B0 }
```

# Background

The CSS property to change the background color of an element to Hex 8DE1B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DE1B0 }
```

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

```
.background{ background-color:#8DE1B0 }
```

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