

# Converting Colors

Hex(8DE2A8)

Have a look what the booklet for  
Hex(8DE2A8) contains.

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**Color**

**Hex(8DE2A8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DE2A8
RGB	141, 226, 168
RGB Percent	55%, 89%, 66%
CMY	0.4471, 0.1137, 0.3412
CMYK	0.38, 0.00, 0.26, 0.11
HSL	139°, 59%, 72%
HSV	139°, 38%, 89%
XYZ	45.2487, 62.8826, 46.7985
YIQ	193.9730, -32.0420, -36.0580

# Conversions

## Conversions Part 2

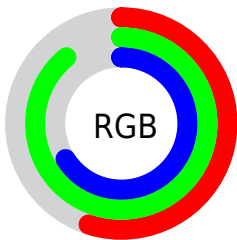
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 206, 226
Decimal	9298600
CIELab	83.38, -37.95, 20.41
CIElCh	83, 43.091, 151.726
Yxy	62.8826, 0.2921, 0.4059
Android (android.graphics.Color)	4287488680 (0xFF8DE2A8)
YUV	193.9730, -12.8047, -46.4573
Hunter-Lab	79.2985, -36.9181, 20.5186

# Details

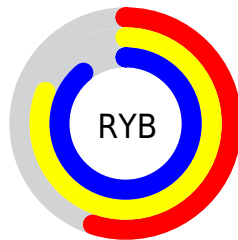
The Hex color **8DE2A8** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E28DC7**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **C5FFDF**, and **56AA74** is the 20% darker color. If you saturate the color by 10%, you get **76E299**, and if you desaturate by 10%, it is **A4E2B7**.

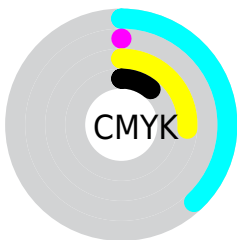
# Distribution



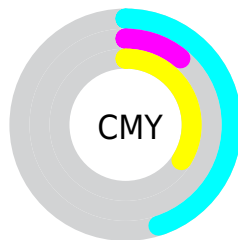
- Red (55%)
- Green (89%)
- Blue (66%)



- Red (55%)
- Yellow (81%)
- Blue (89%)



- Cyan (38%)
- Magenta (0%)
- Yellow (26%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DE2A8 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 8DE2A8 by changing the saturation by 10% instead.



 8DE2A8

 8DE2A8

FFFFFF

 72C68D

 C5FFDF

 56AA74

 E2FFFC

 3B8F5B

 1C7543

 005C2C

 004417

 002D00

 001400

 000000

 8DE2A8

 8DE2A8

 76E299

 A4E2B7

 60E289

 BAE2C7

 49E27A

 D1E2D6

 33E26A

 E7E2E6

 1CE25B

 FEE2F5

 05E24B

 FFE2FF

 00E248

# Harmonies

## Analogous

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



BEDA89



8DE2A8



56E5D1

# Triad

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



8DE2A8



99D3FF



FFB4A7

# Complementary

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



8DE2A8



E28DC7

# 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.



FFB0CF



8DE2A8



D8C4FF

# Square

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



8DE2A8



52DEFF



FFB7F7



FFC089

# Rectangle

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



8DE2A8



31E5EC



FFB7F7



FFB2B4

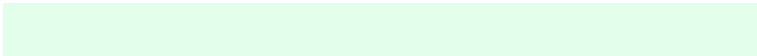


# Sweetspot

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



8DE2A8



E3FFEC



C7E28D



6F8074



000000



808080

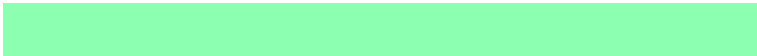


# Same Dimension

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



8DE2A8



8CFFB1



8DE2D2



657069



00B038



00300F



# Inverse Universe

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



E28DC7



FF8CDB



E28D9D



70656D



B00078

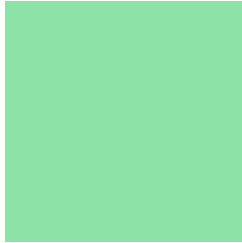


300021



# Previews

## White Background



This preview shows how the Hex color 8DE2A8 looks on a white background.

## Color Contrast Check

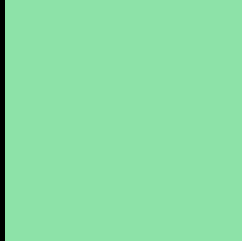
Large Text (above 18pt) WCAG AA × Fail

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 8DE2A8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

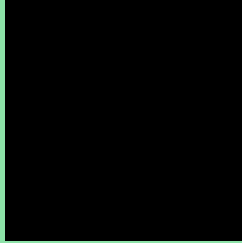
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DE2A8 Background



This preview shows how black text looks on a background with the Hex color 8DE2A8.

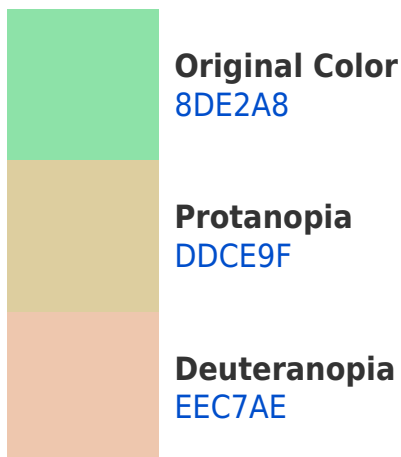


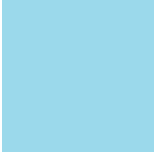
This preview shows how white text looks on a background with the Hex color 8DE2A8.

# 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](#).

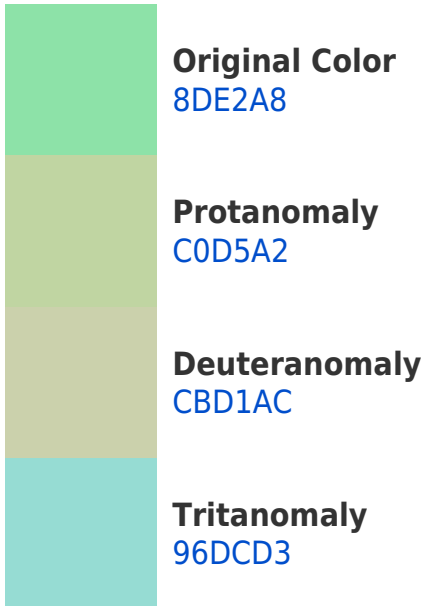
## Dichromacy



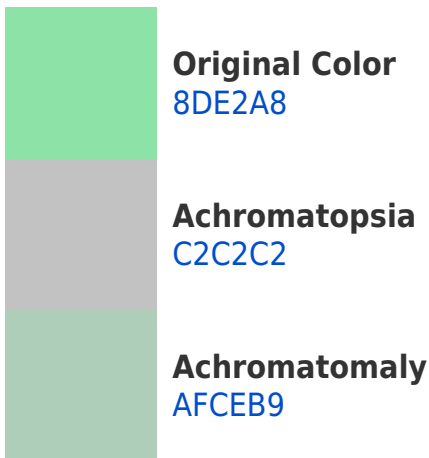


**Tritanopia**  
9BD9EB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DE2A8 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 #8DE2A8 looks like.

```
.text, #text, p{  
    color:#8DE2A8  
}
```

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 #8DE2A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DE2A8
}
```

## Border

The CSS property to change the border of an element to Hex 8DE2A8 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
#8DE2A8 }
```

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

```
.border{ border-color:#8DE2A8 }
```

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

Here you see how a box with a 4 pixel #8DE2A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DE2A8; -webkit-box-shadow:4px 4px  
4px 4px #8DE2A8; box-shadow:4px 4px 4px  
4px #8DE2A8 }
```

# Background

The CSS property to change the background color of an element to Hex 8DE2A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DE2A8 }
```

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

```
.background{ background-color:#8DE2A8 }
```

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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