

# Converting Colors

Hex(8DE1C4)

Have a look what the booklet for  
Hex(8DE1C4) contains.

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# Color

**Hex(8DE1C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DE1C4
RGB	141, 225, 196
RGB Percent	55%, 88%, 77%
CMY	0.4471, 0.1176, 0.2314
CMYK	0.37, 0.00, 0.13, 0.12
HSL	159°, 58%, 72%
HSV	159°, 37%, 88%
XYZ	47.8735, 63.4987, 61.9578
YIQ	196.5780, -40.7550, -26.8270

# Conversions

## Conversions Part 2

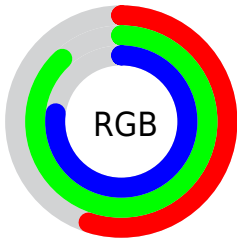
Format	Color
<a href="#">RYB</a>	<a href="#">141, 192, 225</a>
Decimal	<a href="#">9298372</a>
CIELab	<a href="#">83.70, -31.94, 6.17</a>
CIELCh	<a href="#">84, 32.527, 169.064</a>
Yxy	<a href="#">63.4987, 0.2762, 0.3663</a>
Android (android.graphics.Color)	<a href="#">4287488452 (0xFF8DE1C4)</a>
YUV	<a href="#">196.5780, -0.2850, -48.7419</a>
Hunter-Lab	<a href="#">79.6861, -32.2119, 9.6808</a>

# Details

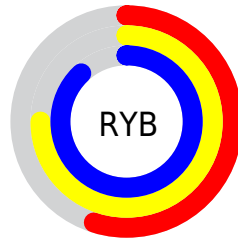
The Hex color **8DE1C4** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E18DAA**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **C5FFFD**, and **56A98E** is the 20% darker color. If you saturate the color by 10%, you get **77E1BC**, and if you desaturate by 10%, it is **A4E1CC**.

# Distribution



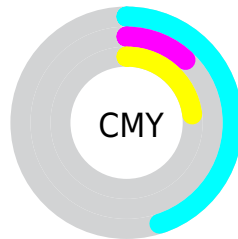
- Red (55%)
- Green (88%)
- Blue (77%)



- Red (55%)
- Yellow (75%)
- Blue (88%)



- Cyan (37%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)



- Cyan (45%)
- Magenta (12%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DE1C4 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 8DE1C4 by changing the saturation by 10% instead.



 8DE1C4

 8DE1C4

FFFFFF

 72C5A9

 C5FFFD

 56A98E

 E2FFFF

 3A8F75

 1B755C

 005B45

 00432E

 002C1A

 001500

 000000

 8DE1C4

 8DE1C4

 77E1BC

 A4E1CC

 60E1B4

 BAE1D4

 4AE1AD

 D1E1DB

 33E1A5

 E7E1E3

 1DE19D

 FEE1EB

 06E195

 FFE1F3

 00E193

 FFE1FA

 FFE1FF

# Harmonies

## Analogous

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



AFDDA8



8DE1C4



75E2E4

# Triad

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



8DE1C4



C6CFFF



FFC1A4

# Complementary

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



8DE1C4



E18DAA

# 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.



FFBBBE



8DE1C4



EDC2F9

# Square

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



8DE1C4



9AD7FF



FFBBDD



F1CB95

# Rectangle

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



8DE1C4



73E0F6



FFBBDD



FFBEAB

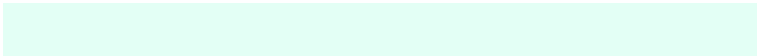


# Sweetspot

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



8DE1C4



E3FFF5



AAE18D



6F807A



000000



808080

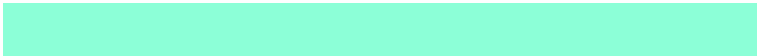


# Same Dimension

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



8DE1C4



8CFFD7



8DD4E1



65706C



00B073



003020



# Inverse Universe

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



E18DAA



FF8CB4



E19A8D



706569



B0003D

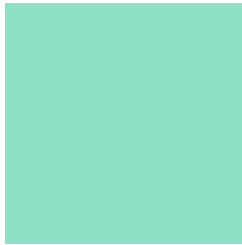


300011



# Previews

## White Background



This preview shows how the Hex color 8DE1C4 looks on a white background.

## Color Contrast Check

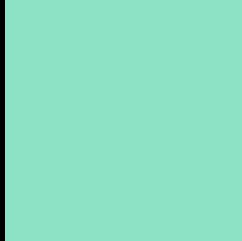
Large Text (above 18pt) WCAG AA × Fail

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 8DE1C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

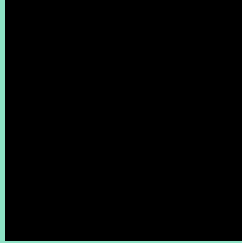
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

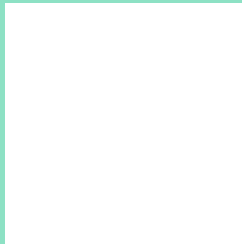
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8DE1C4 Background



This preview shows how black text looks on a background with the Hex color 8DE1C4.

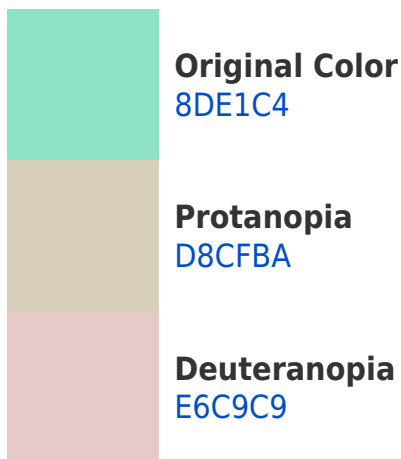


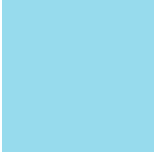
This preview shows how white text looks on a background with the Hex color 8DE1C4.

# 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



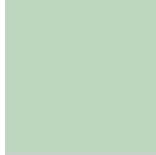


**Tritanopia**  
97DBED

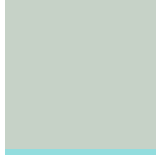
# Trichromacy



**Original Color**  
8DE1C4



**Protanomaly**  
BDD6BE



**Deuteranomaly**  
C6D2C7

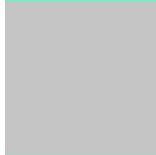


**Tritanomaly**  
93DDDE

# Monochromacy



**Original Color**  
8DE1C4



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
B1CFC5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DE1C4 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 #8DE1C4 looks like.

```
.text, #text, p{  
    color:#8DE1C4  
}
```

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 #8DE1C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DE1C4  
}
```

## Border

The CSS property to change the border of an element to Hex 8DE1C4 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  
#8DE1C4 }
```

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

```
.border{ border-color:#8DE1C4 }
```

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

Here you see how a box with a 4 pixel #8DE1C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DE1C4; -webkit-box-shadow:4px 4px  
4px 4px #8DE1C4; box-shadow:4px 4px 4px  
4px #8DE1C4 }
```

# Background

The CSS property to change the background color of an element to Hex 8DE1C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DE1C4 }
```

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

```
.background{ background-color:#8DE1C4 }
```

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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