

# Converting Colors

Hex(8DF6E3)

Have a look what the booklet for  
Hex(8DF6E3) contains.

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# **Color**

**Hex(8DF6E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DF6E3
RGB	141, 246, 227
RGB Percent	55%, 96%, 89%
CMY	0.4471, 0.0353, 0.1098
CMYK	0.43, 0.00, 0.08, 0.04
HSL	169°, 85%, 76%
HSV	169°, 43%, 96%
XYZ	57.8054, 77.1203, 84.5121
YIQ	212.4390, -56.4810, -28.1690

# Conversions

## Conversions Part 2

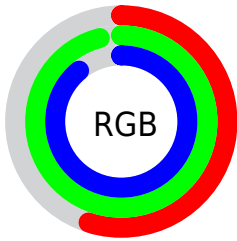
Format	Color
R <sub>Y</sub> B	141, 199, 246
Decimal	9303779
CIE Lab	90.38, -34.90, -0.39
CIE LCh	90, 34.900, 180.645
Yxy	77.1203, 0.2634, 0.3514
Android (android.graphics.Color)	4287493859 (0xFF8DF6E3)
YUV	212.4390, 7.1786, -62.6520
Hunter-Lab	87.8182, -36.1860, 4.4148

# Details

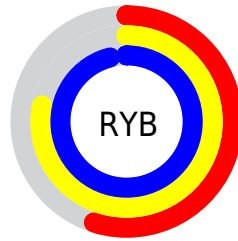
The Hex color **8DF6E3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F68DA0**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **C7FFFF**, and **53BDAC** is the 20% darker color. If you saturate the color by 10%, you get **74F6DF**, and if you desaturate by 10%, it is **A6F6E7**.

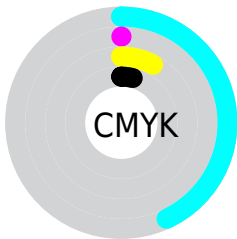
# Distribution



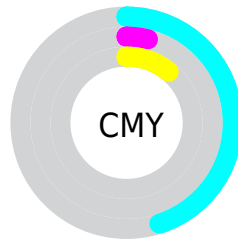
- Red (55%)
- Green (96%)
- Blue (89%)



- Red (55%)
- Yellow (78%)
- Blue (96%)



- Cyan (43%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



- Cyan (45%)
- Magenta (4%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DF6E3 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 8DF6E3 by changing the saturation by 10% instead.



 8DF6E3

FFFFFF

 C7FFFF

 E5FFFF

 8DF6E3

 70D9C7

 53BDAC

 33A291

 008778

 006D5F

 005447

 003D31

 00271C

 000302

 8DF6E3

 8DF6E3

 74F6DF

 A6F6E7

 5CF6DA

 BEF6EC

 43F6D6

 D7F6F0

 2BF6D1

 EFF6F5

 12F6CD

 FFF6F9

 00F6C9

 FFF6FE

 FFF6FF

# Harmonies

## Analogous

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



B0F3C2



8DF6E3



7CF5FF

# Triad

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



8DF6E3



E9DBFF



FFD6AA

# Complementary

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



8DF6E3



F68DA0

# 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.



FFCDC3



8DF6E3



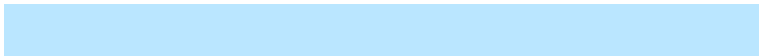
FFD0FF

# Square

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



8DF6E3



BAE6FF



FFCBE4



FBE2A1

# Rectangle

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



8DF6E3



84F2FF



FFCBE4



FFD3B1

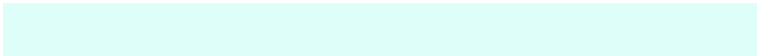


# Sweetspot

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



8DF6E3



DEFFF9



A0F68D



6B807C



000000



808080

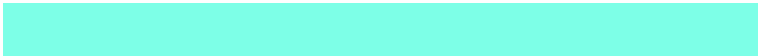


# Same Dimension

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



8DF6E3



7DFFE7



8DD5F6



6E7A78



00BA98



003B30



# Inverse Universe

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



F68DA0



FF7D94



F6AE8D



7A6E70



BA0022

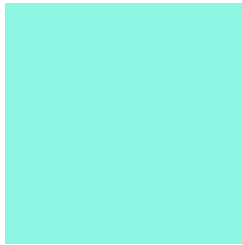


3B000B



# Previews

## White Background



This preview shows how the Hex color 8DF6E3 looks on a white background.

## Color Contrast Check

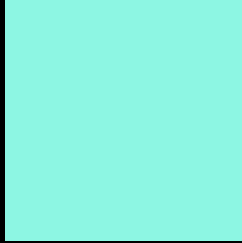
Large Text (above 18pt) WCAG AA × Fail

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 8DF6E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

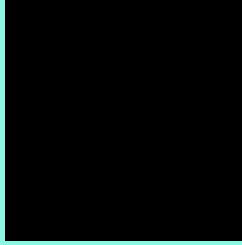
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DF6E3 Background



This preview shows how black text looks on a background with the Hex color 8DF6E3.

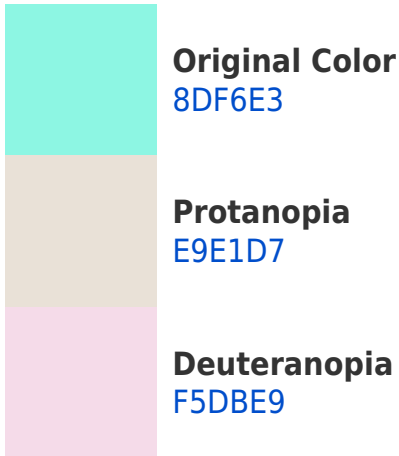


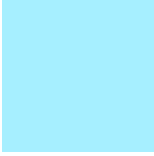
This preview shows how white text looks on a background with the Hex color 8DF6E3.

# 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



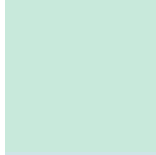


**Tritanopia**  
A6EFFF

# Trichromacy



**Original Color**  
8DF6E3



**Protanomaly**  
C8E9DB



**Deuteranomaly**  
CFE5E7

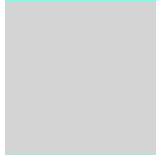


**Tritanomaly**  
9DF2F5

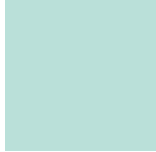
# Monochromacy



**Original Color**  
8DF6E3



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
BAE0D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DF6E3 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 #8DF6E3 looks like.

```
.text, #text, p{  
    color:#8DF6E3  
}
```

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 #8DF6E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DF6E3
}
```

## Border

The CSS property to change the border of an element to Hex 8DF6E3 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
#8DF6E3 }
```

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

```
.border{ border-color:#8DF6E3 }
```

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

Here you see how a box with a 4 pixel #8DF6E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DF6E3; -webkit-box-shadow:4px 4px  
4px 4px #8DF6E3; box-shadow:4px 4px 4px  
4px #8DF6E3 }
```

# Background

The CSS property to change the background color of an element to Hex 8DF6E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DF6E3 }
```

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

```
.background{ background-color:#8DF6E3 }
```

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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