

# Converting Colors

Hex(8DF3D9)

Have a look what the booklet for  
Hex(8DF3D9) contains.

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# **Color**

**Hex(8DF3D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DF3D9
RGB	141, 243, 217
RGB Percent	55%, 95%, 85%
CMY	0.4471, 0.0471, 0.1490
CMYK	0.42, 0.00, 0.11, 0.05
HSL	165°, 81%, 75%
HSV	165°, 42%, 95%
XYZ	55.5595, 74.7737, 77.1501
YIQ	209.5380, -52.4460, -29.7100

# Conversions

## Conversions Part 2

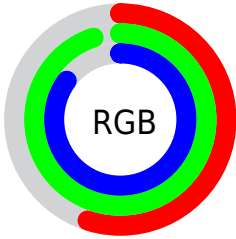
Format	Color
<a href="#">RYB</a>	<a href="#">141, 199, 243</a>
Decimal	<a href="#">9303001</a>
CIELab	<a href="#">89.29, -35.76, 3.23</a>
CIELCh	<a href="#">89, 35.904, 174.843</a>
Yxy	<a href="#">74.7737, 0.2678, 0.3604</a>
Android (android.graphics.Color)	<a href="#">4287493081 (0xFF8DF3D9)</a>
YUV	<a href="#">209.5380, 3.6788, -60.1078</a>
Hunter-Lab	<a href="#">86.4718, -36.6365, 7.6317</a>

# Details

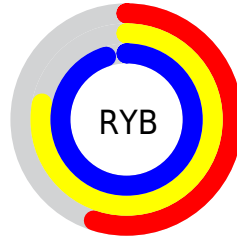
The Hex color **8DF3D9** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F38DA7**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **C7FFFF**, and **54BAA2** is the 20% darker color. If you saturate the color by 10%, you get **75F3D3**, and if you desaturate by 10%, it is **A5F3DF**.

# Distribution



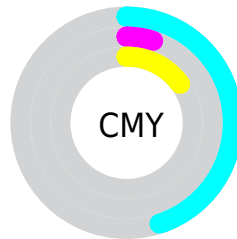
- Red (55%)
- Green (95%)
- Blue (85%)



- Red (55%)
- Yellow (78%)
- Blue (95%)



- Cyan (42%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



- Cyan (45%)
- Magenta (5%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DF3D9 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 8DF3D9 by changing the saturation by 10% instead.



 8DF3D9

 8DF3D9

FFFFFF

 70D6BD

 C7FFFF

 54BAA2

 E4FFFF

 359F88

 08846F

 006B56

 00523F

 003A29

 002515

 000000

 8DF3D9

 8DF3D9

 75F3D3

 A5F3DF

 5CF3CD

 BEF3E5

 44F3C6

 D6F3EC

 2CF3C0

 EEF3F2

 14F3BA

 FFF3F8

 00F3B5

 FFF3FE

 FFF3FF

# Harmonies

## Analogous

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



B3EFB8



8DF3D9



75F3FC

# Triad

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



8DF3D9



DDDAFF



FFD1AA

# Complementary

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



8DF3D9



F38DA7

# 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.



FFC9C5



8DF3D9



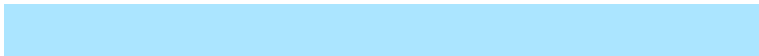
FFCEFF

# Square

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



8DF3D9



ABE5FF



FFC7E8



FEDC9C

# Rectangle

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



8DF3D9



78F0FF



FFC7E8



FFCDB2



# Sweetspot

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



8DF3D9



DEFFF7



A8F38D



6B807A



000000



808080



# Same Dimension

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



8DF3D9



80FFDF



8DDBF3



6E7A77



00BA8B



003B2C



# Inverse Universe

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



F38DA7



FF80A0



F3A58D



7A6E71



BA002F

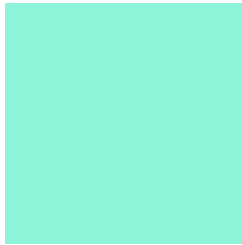


3B000F



# Previews

## White Background



This preview shows how the Hex color 8DF3D9 looks on a white background.

## Color Contrast Check

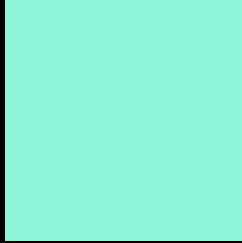
Large Text (above 18pt) WCAG AA × Fail

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 8DF3D9 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

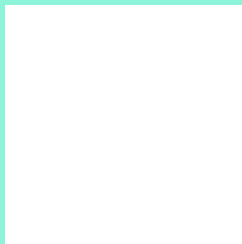
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8DF3D9 Background



This preview shows how black text looks on a background with the Hex color 8DF3D9.



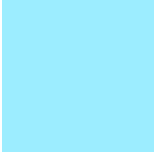
This preview shows how white text looks on a background with the Hex color 8DF3D9.

# 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



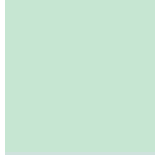


**Tritanopia**  
9CEDFF

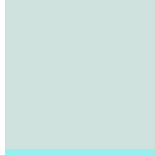
# Trichromacy



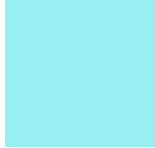
**Original Color**  
8DF3D9



**Protanomaly**  
C6E6D2



**Deuteranomaly**  
CFE2DD

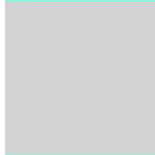


**Tritanomaly**  
97EFF1

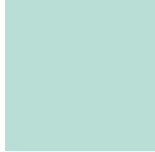
# Monochromacy



**Original Color**  
8DF3D9



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
B9DED5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DF3D9 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 #8DF3D9 looks like.

```
.text, #text, p{  
    color:#8DF3D9  
}
```

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 #8DF3D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DF3D9
}
```

## Border

The CSS property to change the border of an element to Hex 8DF3D9 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
#8DF3D9 }
```

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

```
.border{ border-color:#8DF3D9 }
```

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

Here you see how a box with a 4 pixel #8DF3D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DF3D9; -webkit-box-shadow:4px 4px  
4px 4px #8DF3D9; box-shadow:4px 4px 4px  
4px #8DF3D9 }
```

# Background

The CSS property to change the background color of an element to Hex 8DF3D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DF3D9 }
```

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

```
.background{ background-color:#8DF3D9 }
```

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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