

# Converting Colors

Hex(D3F3F8)

Have a look what the booklet for  
Hex(D3F3F8) contains.

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# **Color**

**Hex(D3F3F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3F3F8
RGB	211, 243, 248
RGB Percent	83%, 95%, 97%
CMY	0.1725, 0.0471, 0.0275
CMYK	0.15, 0.02, 0.00, 0.03
HSL	188°, 73%, 90%
HSV	188°, 15%, 97%
XYZ	75.8578, 84.7274, 101.1628
YIQ	234.0020, -20.6770, -5.2290

# Conversions

## Conversions Part 2

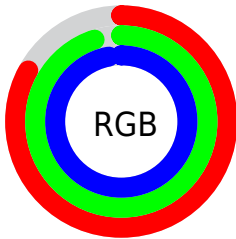
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 228, 248
Decimal	13890552
CIE Lab	93.77, -9.33, -5.91
CIE LCh	94, 11.046, 212.322
Yxy	84.7274, 0.2898, 0.3237
Android (android.graphics.Color)	4292080632 (0xFFD3F3F8)
YUV	234.0020, 6.9010, -20.1728
Hunter-Lab	92.0475, -13.9783, -0.7282

# Details

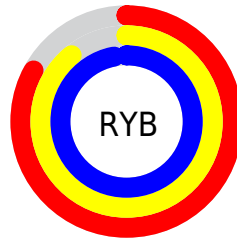
The Hex color **D3F3F8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F8D8D3**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFFF**, and **9CBBC0** is the 20% darker color. If you saturate the color by 10%, you get **BAF0F8**, and if you desaturate by 10%, it is **ECF6F8**.

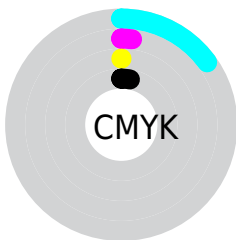
# Distribution



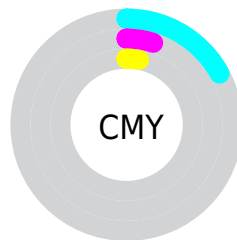
- Red (83%)
- Green (95%)
- Blue (97%)



- Red (83%)
- Yellow (89%)
- Blue (97%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (5%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3F3F8 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 D3F3F8 by changing the saturation by 10% instead.



 D3F3F8

FFFFFF

 D3F3F8

 B7D7DB

 9CBBC0

 82A0A5

 68868A

 4F6C71

 385458

 213D41

 09272B

 001317

 D3F3F8

 D3F3F8

 BAF0F8

 ECF6F8

 A1ECF8

 FFFAF8

 89E9F8

 FFFDF8

 70E6F8

 FFFFF8

 57E2F8

 3EDFF8

 25DCF8

 0DD8F8

 00D6F8

# Harmonies

## Analogous

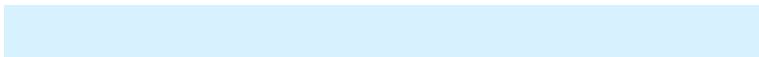
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D5F4EE



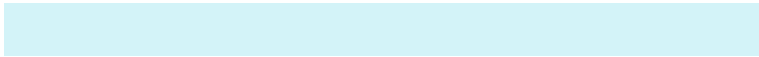
D3F3F8



D8F1FF

# Triad

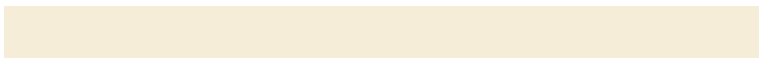
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D3F3F8



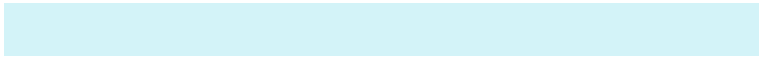
FCE7F7



F5EDD8

# Complementary

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



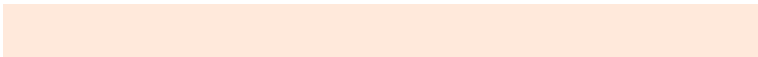
D3F3F8



F8D8D3

# 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.



FFE9DB



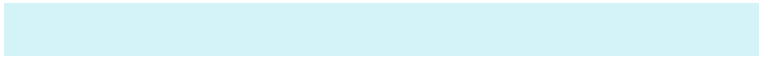
D3F3F8



FFE6ED

# Square

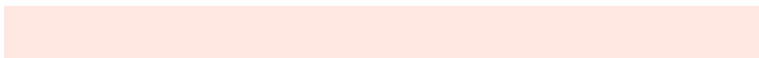
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D3F3F8



F0EAFB



FFE7E2



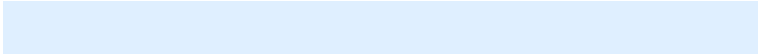
E9F0DB

# Rectangle

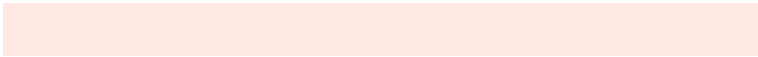
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



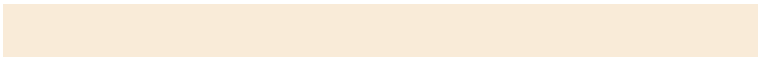
D3F3F8



DFEFFF



FFE7E2



F9EBD8



# Sweetspot

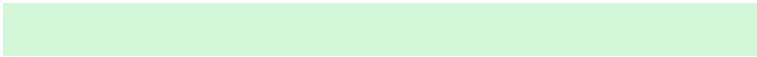
The Sweet Spot groups the original color and five complimentary colors.



D3F3F8



F5FEFF



D3F8D8



797F80



000000

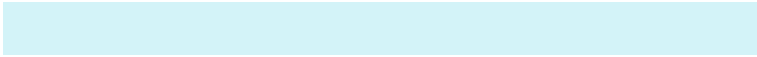


808080

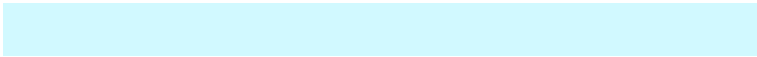


# Same Dimension

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



D3F3F8



D1F9FF



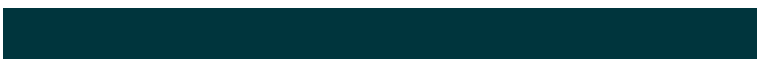
D3E1F8



707B7D



00A3BD



00353D



# Inverse Universe

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



F8D3F3



FFD1F9



F8EAD3



7D707B



BD00A3

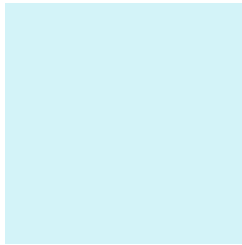


3D0035



# Previews

## White Background



This preview shows how the Hex color D3F3F8 looks on a white background.

## Color Contrast Check

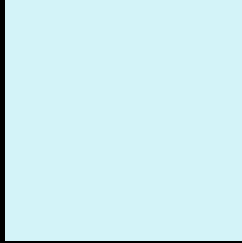
Large Text (above 18pt) WCAG AA × Fail

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 D3F3F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

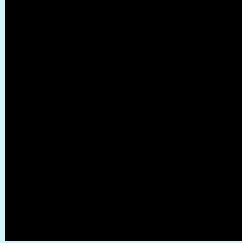
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D3F3F8 Background



This preview shows how black text looks on a background with the Hex color D3F3F8.



This preview shows how white text looks on a background with the Hex color D3F3F8.

# Color Blindness Simulation

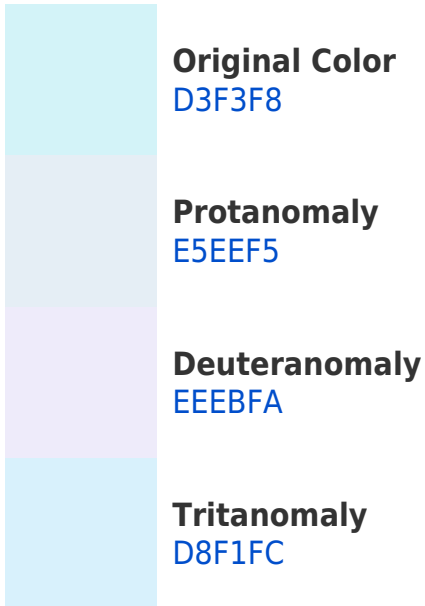
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3F3F8 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 #D3F3F8 looks like.

```
.text, #text, p{  
    color:#D3F3F8  
}
```

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 #D3F3F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3F3F8
}
```

## Border

The CSS property to change the border of an element to Hex D3F3F8 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
#D3F3F8 }
```

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

```
.border{ border-color:#D3F3F8 }
```

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

Here you see how a box with a 4 pixel #D3F3F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3F3F8; -webkit-box-shadow:4px 4px  
4px 4px #D3F3F8; box-shadow:4px 4px 4px  
4px #D3F3F8 }
```

# Background

The CSS property to change the background color of an element to Hex D3F3F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3F3F8 }
```

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

```
.background{ background-color:#D3F3F8 }
```

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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