

# Converting Colors

Hex(D9E7F8)

Have a look what the booklet for  
Hex(D9E7F8) contains.

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# **Color**

**Hex(D9E7F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9E7F8
RGB	217, 231, 248
RGB Percent	85%, 91%, 97%
CMY	0.1490, 0.0941, 0.0275
CMYK	0.13, 0.07, 0.00, 0.03
HSL	213°, 69%, 91%
HSV	213°, 13%, 97%
XYZ	74.1345, 78.6809, 100.0866
YIQ	228.7520, -13.8010, 2.3190

# Conversions

## Conversions Part 2

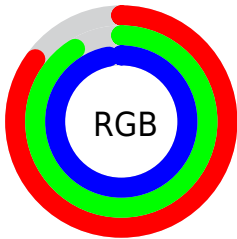
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	217, 227, 248
Decimal	14280696
CIE Lab	91.09, -1.34, -9.82
CIE LCh	91, 9.916, 262.234
Yxy	78.6809, 0.2931, 0.3111
Android (android.graphics.Color)	4292470776 (0xFFD9E7F8)
YUV	228.7520, 9.4893, -10.3065
Hunter-Lab	88.7022, -6.0444, -4.8079

# Details

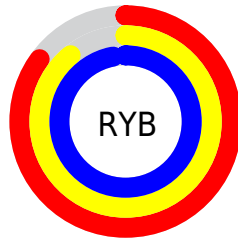
The Hex color **D9E7F8** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F8EAD9**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFFF**, and **A2AFC0** is the 20% darker color. If you saturate the color by 10%, you get **C0D9F8**, and if you desaturate by 10%, it is **F2F5F8**.

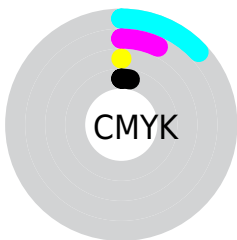
# Distribution



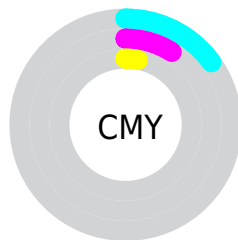
- Red (85%)
- Green (91%)
- Blue (97%)



- Red (85%)
- Yellow (89%)
- Blue (97%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (9%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9E7F8 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 D9E7F8 by changing the saturation by 10% instead.



 D9E7F8

FFFFFF

 D9E7F8

 BDCBDB

 A2AFC0

 8895A5

 6E7B8A

 556271

 3E4A58

 273441

 121F2B

 000617

 D9E7F8

 D9E7F8

 C0D9F8

 F2F5F8

 A7CCF8

 FFFFF8


 8FB EF8

 76B1F8

 5DA3F8

 4495F8

 2B88F8

 137AF8

 0070F8

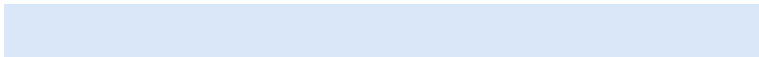
# Harmonies

## Analogous

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



D1EAF4



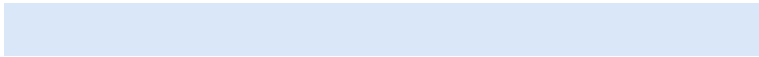
D9E7F8



E4E4F7

# Triad

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



D9E7F8



FADDFD



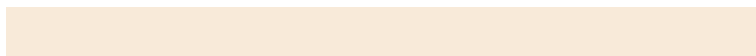
DBEADA

# Complementary

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



D9E7F8



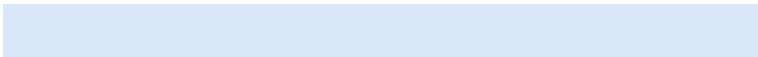
F8EAD9

# Split Complementary

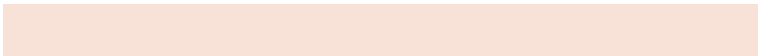
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E6E7D4



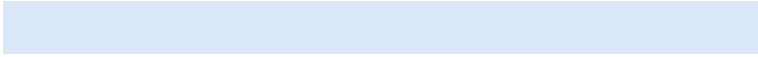
D9E7F8



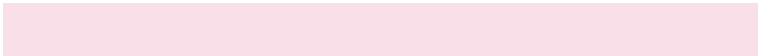
F8E1D7

# Square

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



D9E7F8



F8DFE8



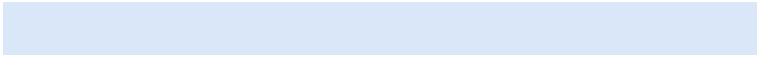
F0E4D3



D2EBE3

# Rectangle

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



D9E7F8



ECE2F4



F0E4D3



DEE9D7



# Sweetspot

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



D9E7F8



F5F9FF



D9F8EA



797C80



000000

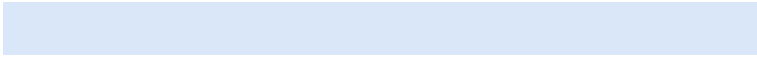


808080

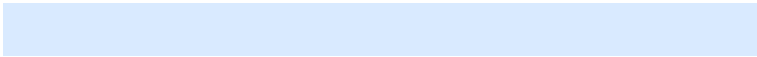


# Same Dimension

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



D9E7F8



D9EAFB



DAD9F8



70767D



0055BD



001C3D



# Inverse Universe

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



F8D9E7



FFD9EA



F7F8D9



7D7076



BD0055

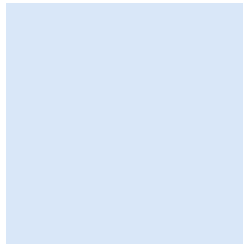


3D001C



# Previews

## White Background



This preview shows how the Hex color D9E7F8 looks on a white background.

## Color Contrast Check

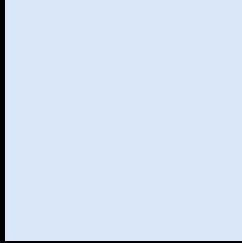
Large Text (above 18pt) WCAG AA × Fail

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 D9E7F8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

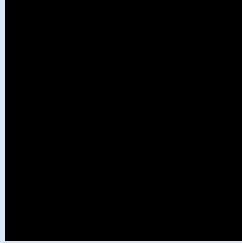
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

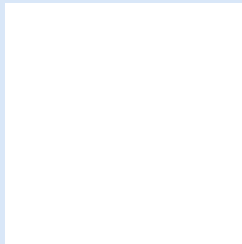
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D9E7F8 Background



This preview shows how black text looks on a background with the Hex color D9E7F8.

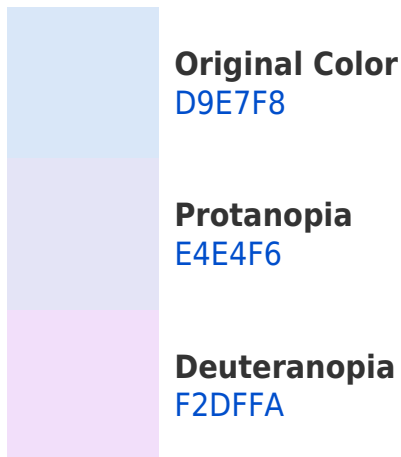


This preview shows how white text looks on a background with the Hex color D9E7F8.

# 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](#).

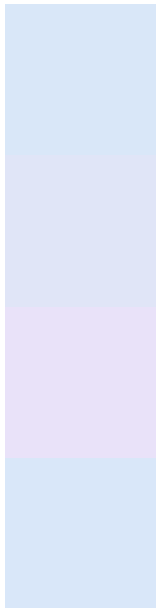
## Dichromacy





**Tritanopia**  
D9E7F9

# Trichromacy



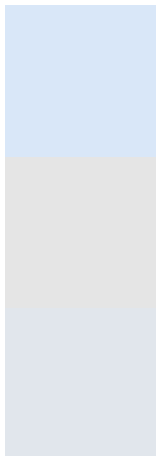
**Original Color**  
D9E7F8

**Protanomaly**  
E0E5F7

**Deuteranomaly**  
E9E2F9

**Tritanomaly**  
D9E7F9

# Monochromacy



**Original Color**  
D9E7F8

**Achromatopsia**  
E5E5E5

**Achromatomaly**  
E1E6EC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9E7F8 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 #D9E7F8 looks like.

```
.text, #text, p{  
    color:#D9E7F8  
}
```

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 #D9E7F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9E7F8 }
}
```

## Border

The CSS property to change the border of an element to Hex D9E7F8 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 #D9E7F8 }
}
```

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

```
.border{ border-color:#D9E7F8 }
```

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

Here you see how a box with a 4 pixel #D9E7F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9E7F8; -webkit-box-shadow:4px 4px  
4px 4px #D9E7F8; box-shadow:4px 4px 4px  
4px #D9E7F8 }
```

# Background

The CSS property to change the background color of an element to Hex D9E7F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9E7F8 }
```

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

```
.background{ background-color:#D9E7F8 }
```

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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