

# Converting Colors

Hex(D9EEF7)

Have a look what the booklet for  
Hex(D9EEF7) contains.

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# **Color**

**Hex(D9EEF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9EEF7
RGB	217, 238, 247
RGB Percent	85%, 93%, 97%
CMY	0.1490, 0.0667, 0.0314
CMYK	0.12, 0.04, 0.00, 0.03
HSL	198°, 65%, 91%
HSV	198°, 12%, 97%
XYZ	75.9783, 82.6162, 99.9377
YIQ	232.7470, -15.4050, -1.6530

# Conversions

## Conversions Part 2

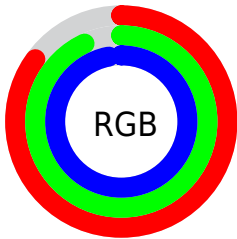
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	217, 229, 247
Decimal	14282487
CIE Lab	92.85, -5.13, -6.70
CIE LCh	93, 8.436, 232.580
Yxy	82.6162, 0.2939, 0.3196
Android (android.graphics.Color)	4292472567 (0xFFD9EEF7)
YUV	232.7470, 7.0267, -13.8101
Hunter-Lab	90.8934, -9.8544, -1.5642

# Details

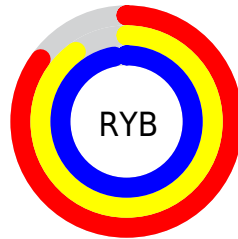
The Hex color **D9EEF7** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F7E2D9**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF**, and **A2B6BF** is the 20% darker color. If you saturate the color by 10%, you get **C0E7F7**, and if you desaturate by 10%, it is **F2F5F7**.

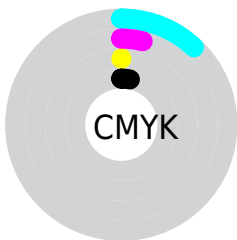
# Distribution



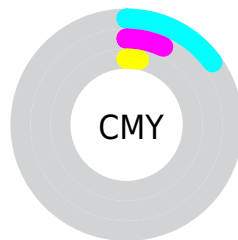
- Red (85%)
- Green (93%)
- Blue (97%)



- Red (85%)
- Yellow (90%)
- Blue (97%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (7%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D9EEF7 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 D9EEF7 by changing the saturation by 10% instead.



 D9EEF7

FFFFFF

 D9EEF7

 BDD2DB

 A2B6BF


 889BA4

 6E8189

 556870

 3E5058

 273940

 12242A

 000E16

 D9EEF7

 D9EEF7

 C0E7F7

 F2F5F7

 A8DFF7

 FFFDF7

 8FD8F7

 FFFFF7

 76D0F7

 5EC9F7

 45C2F7

 2CBAF7

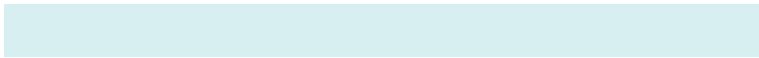
 13B3F7

 00ADF7

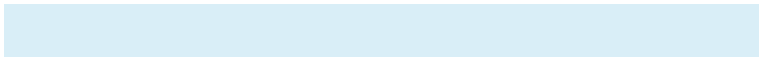
# Harmonies

## Analogous

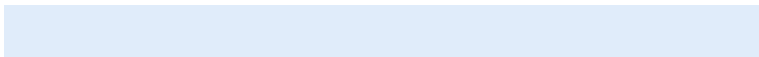
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D7EFF0



D9EEF7



E0ECFA

# Triad

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



D9EEF7



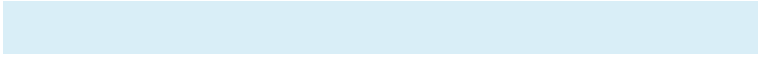
FAE5ED



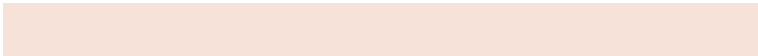
EBECDB

# Complementary

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



D9EEF7



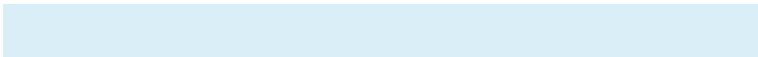
F7E2D9

# Split Complementary

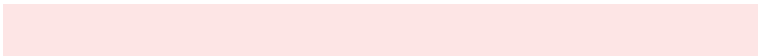
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F4E9DB



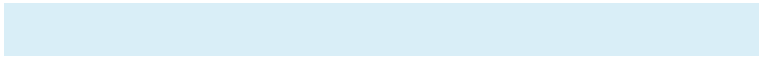
D9EEF7



FDE5E5

# Square

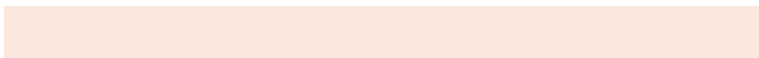
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



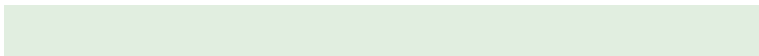
D9EEF7



F3E7F4



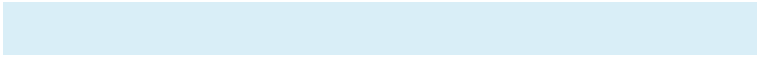
FAE7DE



E1EEE0

# Rectangle

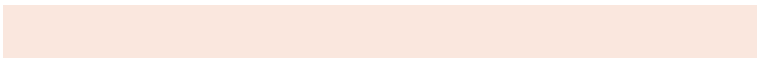
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9EEF7



E6EAFA



FAE7DE



EEEADB



# Sweetspot

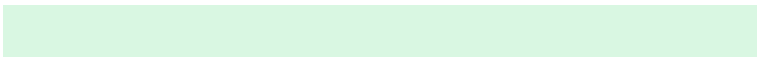
The Sweet Spot groups the original color and five complimentary colors.



D9EEF7



F5FCFF



D9F7E2



797E80



000000



808080

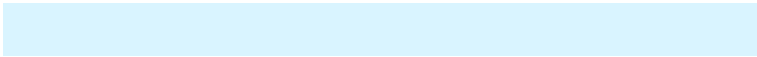


# Same Dimension

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



D9EEF7



D9F4FF



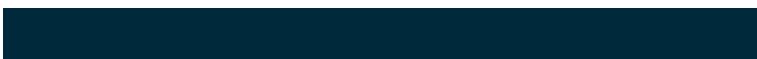
D9DFF7



6E777A



0082BA



00293B



# Inverse Universe

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



F7D9EE



FFD9F4



F7F1D9



7A6E77



BA0082

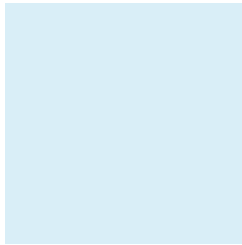


3B0029



# Previews

## White Background



This preview shows how the Hex color D9EEF7 looks on a white background.

## Color Contrast Check

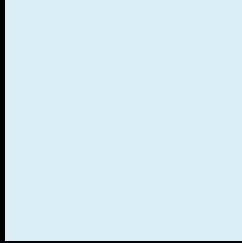
Large Text (above 18pt) WCAG AA × Fail

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 D9EEF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

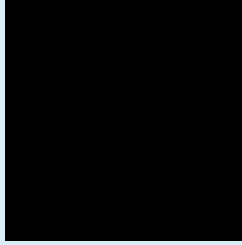
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

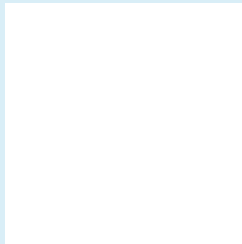
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D9EEF7 Background



This preview shows how black text looks on a background with the Hex color D9EEF7.

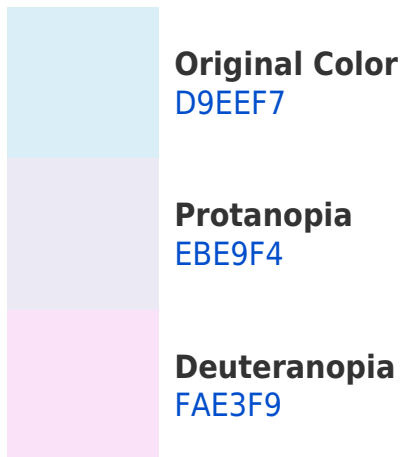


This preview shows how white text looks on a background with the Hex color D9EEF7.

# Color Blindness Simulation

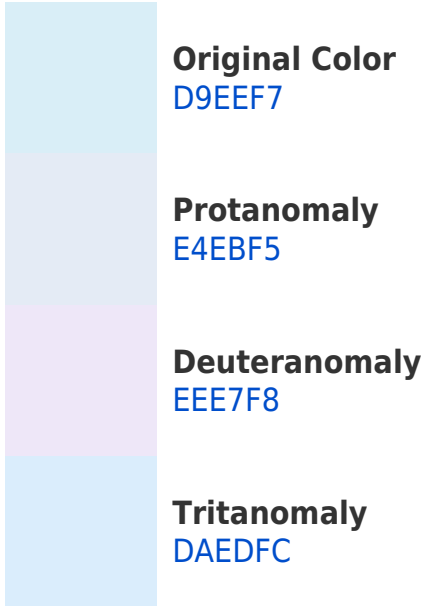
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D9EEF7 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 #D9EEF7 looks like.

```
.text, #text, p{  
    color:#D9EEF7  
}
```

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 #D9EEF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9EEF7
}
```

## Border

The CSS property to change the border of an element to Hex D9EEF7 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
#D9EEF7 }
```

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

```
.border{ border-color:#D9EEF7 }
```

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

Here you see how a box with a 4 pixel #D9EEF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9EEF7; -webkit-box-shadow:4px 4px  
4px 4px #D9EEF7; box-shadow:4px 4px 4px  
4px #D9EEF7 }
```

# Background

The CSS property to change the background color of an element to Hex D9EEF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9EEF7 }
```

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

```
.background{ background-color:#D9EEF7 }
```

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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