

# Converting Colors

Hex(D6F4F9)

Have a look what the booklet for  
Hex(D6F4F9) contains.

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# **Color**

**Hex(D6F4F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6F4F9
RGB	214, 244, 249
RGB Percent	84%, 96%, 98%
CMY	0.1608, 0.0431, 0.0235
CMYK	0.14, 0.02, 0.00, 0.02
HSL	189°, 74%, 91%
HSV	189°, 14%, 98%
XYZ	77.1811, 85.8371, 102.1229
YIQ	235.6000, -19.4850, -4.8050

# Conversions

## Conversions Part 2

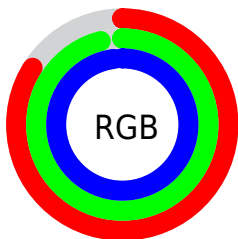
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	214, 230, 249
Decimal	14087417
CIE Lab	94.24, -8.71, -5.70
CIE LCh	94, 10.408, 213.196
Yxy	85.8371, 0.2911, 0.3237
Android (android.graphics.Color)	4292277497 (0xFFD6F4F9)
YUV	235.6000, 6.6062, -18.9432
Hunter-Lab	92.6483, -13.4342, -0.4994

# Details

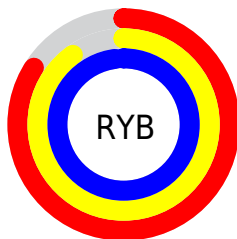
The Hex color **D6F4F9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F9DBD6**, and the grayscale version is **ECECEC**.

A 20% lighter version of the original color is **FFFFFF**, and **9FBCC1** is the 20% darker color. If you saturate the color by 10%, you get **BDF0F9**, and if you desaturate by 10%, it is **EFF8F9**.

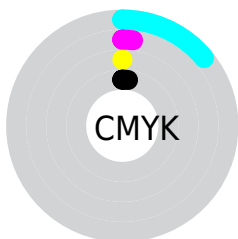
# Distribution



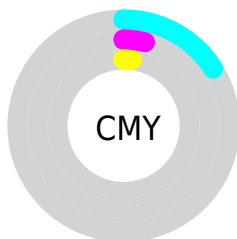
- Red (84%)
- Green (96%)
- Blue (98%)



- Red (84%)
- Yellow (90%)
- Blue (98%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (4%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D6F4F9 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 D6F4F9 by changing the saturation by 10% instead.



 D6F4F9

FFFFFF

 D6F4F9

 BAD8DC

 9FBCC1

 85A1A5

 6B878B

 526D72

 3A5559

 243E42

 0D282C

 001417

 D6F4F9

 D6F4F9

 BDF0F9

 EFF8F9

 A4EDF9

 FFFBF9

 8BE9F9

 FFFFF9

 72E6F9

 5AE2F9

 41DFF9

 28DBF9

 0FD8F9

 00D5F9

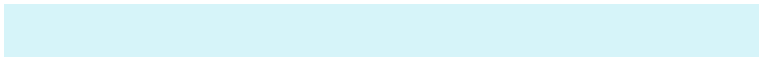
# Harmonies

## Analogous

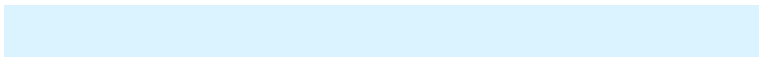
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D8F5EF



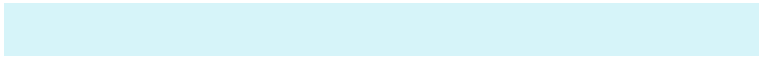
D6F4F9



DBF2FF

# Triad

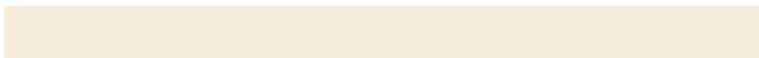
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D6F4F9



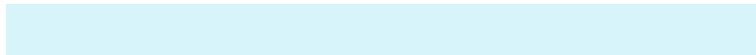
FDE9F8



F6EEDA

# Complementary

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



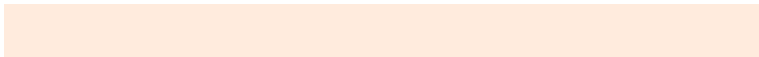
D6F4F9



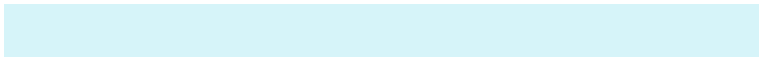
F9DBD6

# 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.



FFE8DD



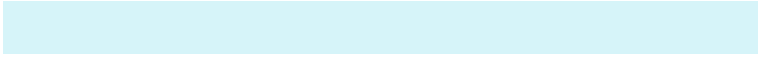
D6F4F9



FFE8EE

# Square

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



D6F4F9



F2ECFF



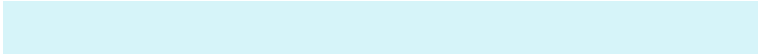
FFE8E4



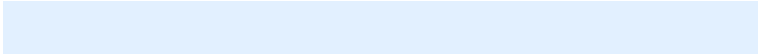
EAF1DE

# Rectangle

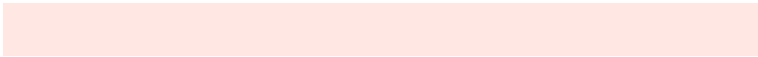
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D6F4F9



E2F0FF



FFE8E4

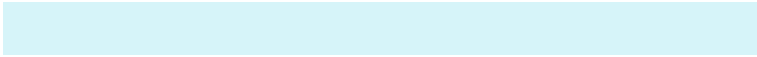


F9EDDB



# Sweetspot

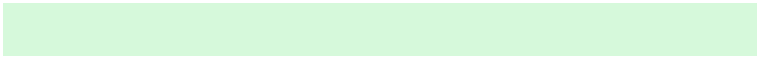
The Sweet Spot groups the original color and five complimentary colors.



D6F4F9



F5FEFF



D6F9DB



797F80



000000

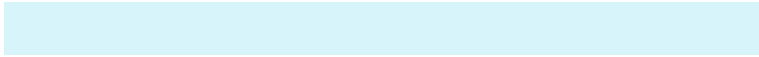


808080

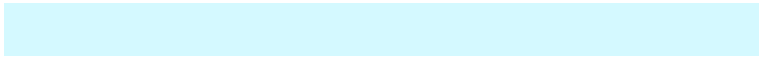


# Same Dimension

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



D6F4F9



D4F9FF



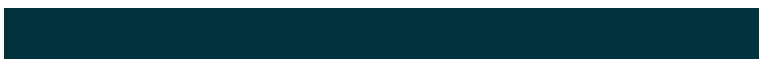
D6E3F9



707B7D



00A2BD



00343D



# Inverse Universe

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



F9D6F4



FFD4F9



F9ECD6



7D707B



BD00A2

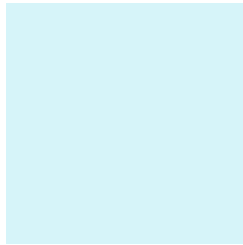


3D0034



# Previews

## White Background



This preview shows how the Hex color D6F4F9 looks on a white background.

## Color Contrast Check

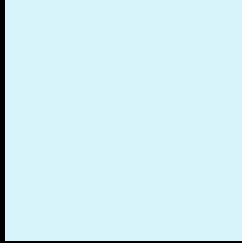
Large Text (above 18pt) WCAG AA × Fail

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 D6F4F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

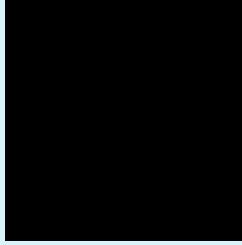
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D6F4F9 Background



This preview shows how black text looks on a background with the Hex color D6F4F9.

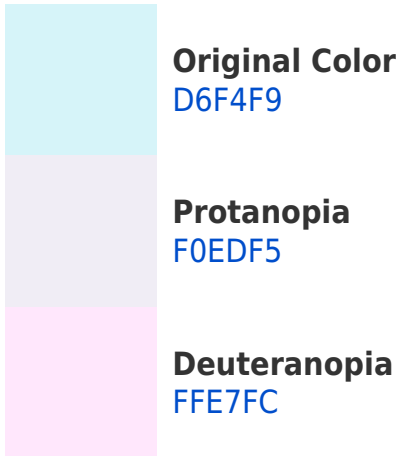


This preview shows how white text looks on a background with the Hex color D6F4F9.

# 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](#).

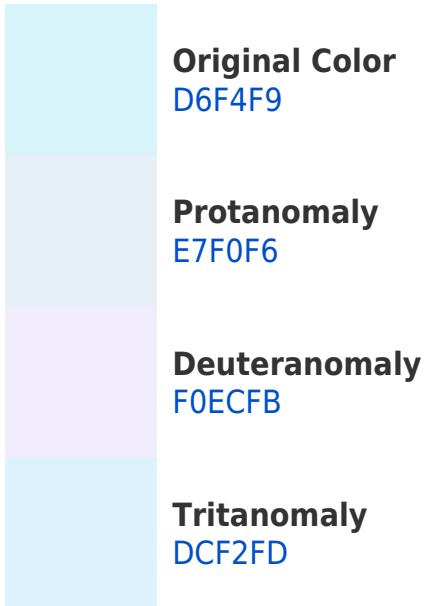
## Dichromacy



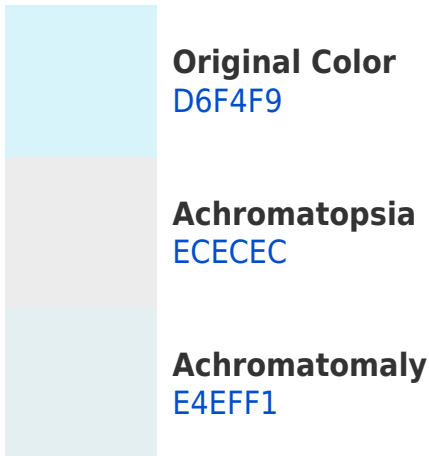


**Tritanopia**  
DFF1FF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D6F4F9 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 #D6F4F9 looks like.

```
.text, #text, p{  
    color:#D6F4F9  
}
```

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 #D6F4F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6F4F9
}
```

## Border

The CSS property to change the border of an element to Hex D6F4F9 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
#D6F4F9 }
```

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

```
.border{ border-color:#D6F4F9 }
```

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

Here you see how a box with a 4 pixel #D6F4F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6F4F9; -webkit-box-shadow:4px 4px  
4px 4px #D6F4F9; box-shadow:4px 4px 4px  
4px #D6F4F9 }
```

# Background

The CSS property to change the background color of an element to Hex D6F4F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6F4F9 }
```

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

```
.background{ background-color:#D6F4F9 }
```

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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