

# Converting Colors

Hex(D7EBF4)

Have a look what the booklet for  
Hex(D7EBF4) contains.

<b>Hex(D7EBF4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D7EBF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7EBF4
RGB	215, 235, 244
RGB Percent	84%, 92%, 96%
CMY	0.1569, 0.0784, 0.0431
CMYK	0.12, 0.04, 0.00, 0.04
HSL	199°, 57%, 90%
HSV	199°, 12%, 96%
XYZ	74.0618, 80.3954, 97.2023
YIQ	230.0460, -14.8090, -1.4410

# Conversions

## Conversions Part 2

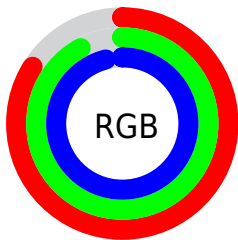
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 227, 244
Decimal	14150644
CIE Lab	91.86, -4.82, -6.61
CIE LCh	92, 8.178, 233.894
Yxy	80.3954, 0.2943, 0.3195
Android (android.graphics.Color)	4292340724 (0xFFD7EBF4)
YUV	230.0460, 6.8793, -13.1953
Hunter-Lab	89.6635, -9.4705, -1.5106

# Details

The Hex color **D7EBF4** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F4E0D7**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **A0B3BC** is the 20% darker color. If you saturate the color by 10%, you get **BFE3F4**, and if you desaturate by 10%, it is **EFF3F4**.

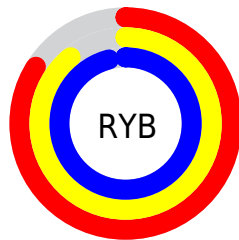
# Distribution



Red (84%)

Green (92%)

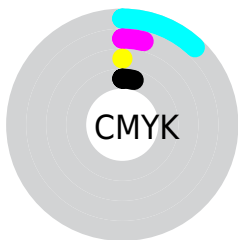
Blue (96%)



Red (84%)

Yellow (89%)

Blue (96%)

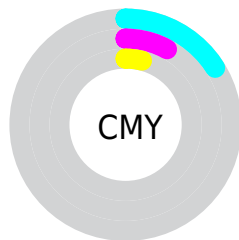


Cyan (12%)

Magenta (4%)

Yellow (0%)

Black (4%)



Cyan (16%)

Magenta (8%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7EBF4 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 D7EBF4 by changing the saturation by 10% instead.



 D7EBF4

FFFFFF

 D7EBF4

 BBCFD8

 A0B3BC

 8699A1

 6C7F87

 54666D

 3C4E55

 26373E

 102228

 000B14

 D7EBF4

 D7EBF4

 BFE3F4

 EFF3F4

 A6DCF4

 FFFAF4

 8ED4F4

 FFFFF4

 75CDF4

 5DC5F4

 45BEF4

 2CB6F4

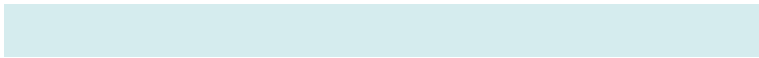
 14AEF4

 00A8F4

# Harmonies

## Analogous

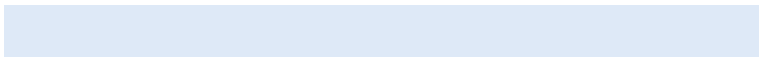
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



D5ECEE



D7EBF4



DEE9F7

# Triad

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



D7EBF4



F7E3EA



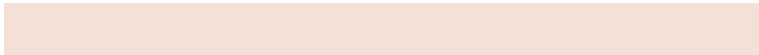
E7E9D9

# Complementary

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



D7EBF4



F4E0D7

# Split Complementary

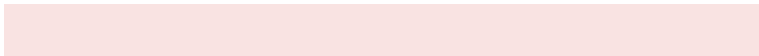
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F0E7D8



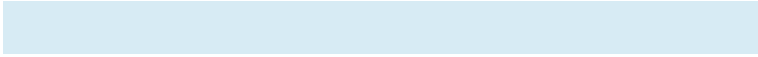
D7EBF4



F9E3E2

# Square

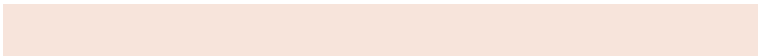
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D7EBF4



F1E4F1



F7E4DB



DEEBDE

# Rectangle

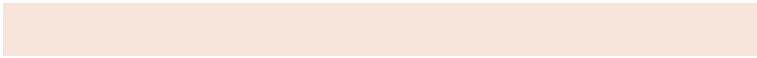
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7EBF4



E4E7F7



F7E4DB



EAE8D8

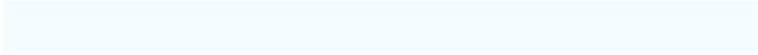


# Sweetspot

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



D7EBF4



F5FCFF



D7F4E0



797E80



000000



808080

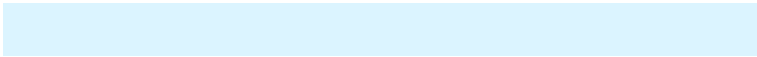


# Same Dimension

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



D7EBF4



DBF4FF



D7DDF4



6E777A



0080BA



00283B



# Inverse Universe

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



F4D7EB



FFDBF4



F4EED7



7A6E77



BA0080

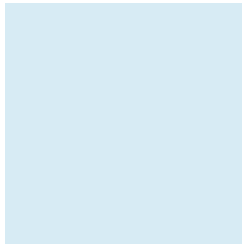


3B0028



# Previews

## White Background



This preview shows how the Hex color D7EBF4 looks on a white background.

## Color Contrast Check

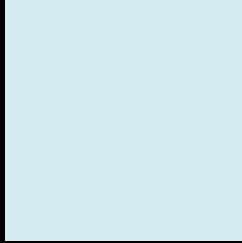
Large Text (above 18pt) WCAG AA × Fail

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 D7EBF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

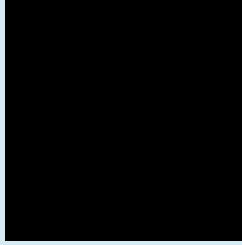
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

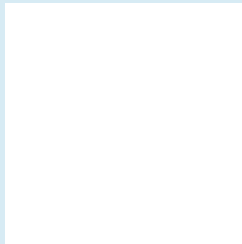
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D7EBF4 Background



This preview shows how black text looks on a background with the Hex color D7EBF4.

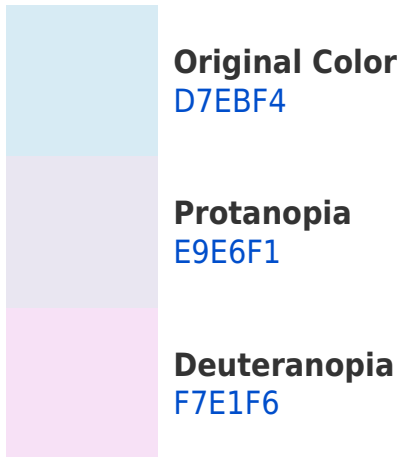


This preview shows how white text looks on a background with the Hex color D7EBF4.

# 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](#).

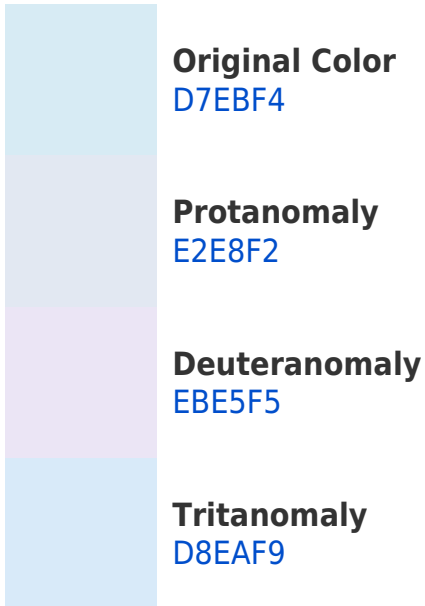
## Dichromacy





**Tritanopia**  
D8EAF8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7EBF4 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 #D7EBF4 looks like.

```
.text, #text, p{  
  color:#D7EBF4  
}
```

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 #D7EBF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7EBF4
}
```

## Border

The CSS property to change the border of an element to Hex D7EBF4 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
#D7EBF4 }
```

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

```
.border{ border-color:#D7EBF4 }
```

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

Here you see how a box with a 4 pixel #D7EBF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7EBF4; -webkit-box-shadow:4px 4px  
4px 4px #D7EBF4; box-shadow:4px 4px 4px  
4px #D7EBF4 }
```

# Background

The CSS property to change the background color of an element to Hex D7EBF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7EBF4 }
```

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

```
.background{ background-color:#D7EBF4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor