

# Converting Colors

Hex(DCEAF7)

Have a look what the booklet for  
Hex(DCEAF7) contains.

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# **Color**

**Hex(DCEAF7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCEAF7
RGB	220, 234, 247
RGB Percent	86%, 92%, 97%
CMY	0.1373, 0.0824, 0.0314
CMYK	0.11, 0.05, 0.00, 0.03
HSL	209°, 63%, 92%
HSV	209°, 11%, 97%
XYZ	75.7265, 80.7767, 99.5959
YIQ	231.2960, -12.5170, 1.0750

# Conversions

## Conversions Part 2

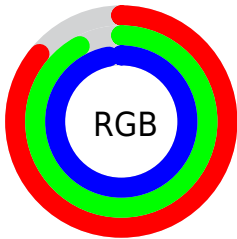
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 229, 247
Decimal	14478071
CIE Lab	92.03, -2.13, -7.88
CIE LCh	92, 8.165, 254.869
Yxy	80.7767, 0.2957, 0.3154
Android (android.graphics.Color)	4292668151 (0xFFDCEAF7)
YUV	231.2960, 7.7421, -9.9066
Hunter-Lab	89.8758, -6.8843, -2.7891

# Details

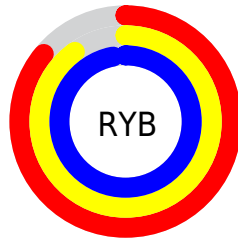
The Hex color **DCEAF7** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F7E9DC**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **A5B2BF** is the 20% darker color. If you saturate the color by 10%, you get **C3DEF7**, and if you desaturate by 10%, it is **F5F6F7**.

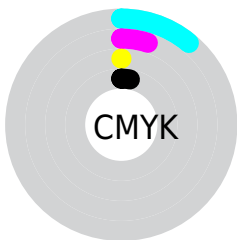
# Distribution



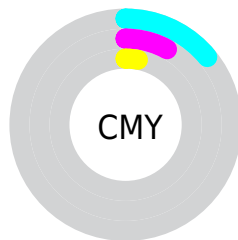
- Red (86%)
- Green (92%)
- Blue (97%)



- Red (86%)
- Yellow (90%)
- Blue (97%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (8%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DCEAF7 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 DCEAF7 by changing the saturation by 10% instead.



 DCEAF7


FFFFFF

 DCEAF7

 C0CEDB

 A5B2BF

 8A98A4

 717E89

 586570

 414D58

 2A3640

 15212A

 000A16

 DCEAF7

 DCEAF7

 C3DEF7

 F5F6F7

 ABD2F7

 FFFFF7

 92C6F7

 79BAF7

 61AFF7

 48A3F7

 2F97F7

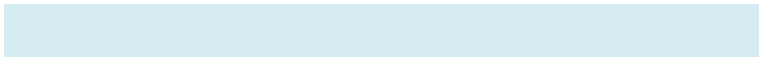
 168BF7

 0080F7

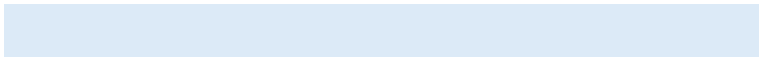
# Harmonies

## Analogous

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



D6ECF3



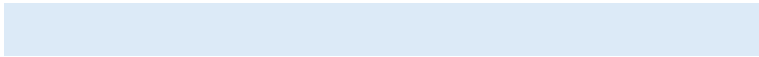
DCEAF7



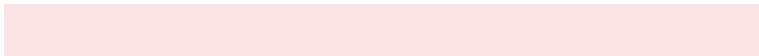
E5E7F7

# Triad

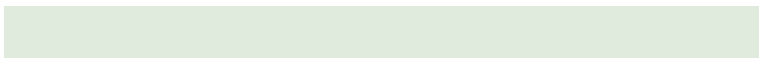
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCEAF7



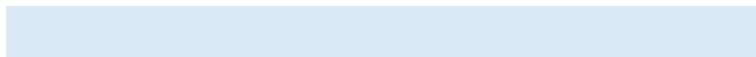
F9E3E4



E1EBDD

# Complementary

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



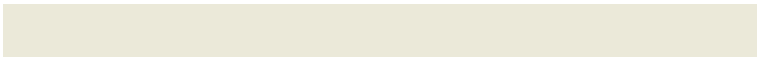
DCEAF7



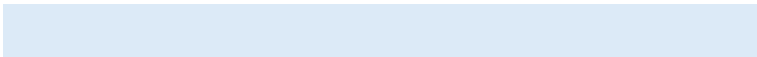
F7E9DC

# Split Complementary

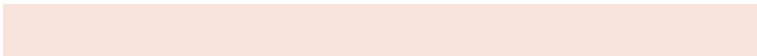
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EBE9D9



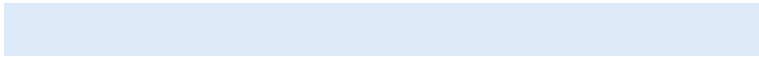
DCEAF7



F8E4DD

# Square

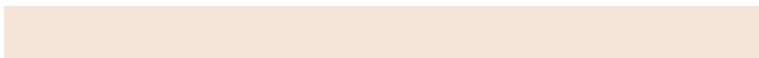
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCEAF7



F6E3EC



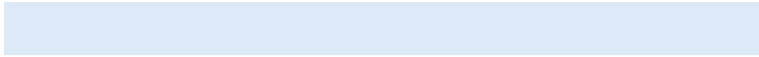
F3E6D9



DAEDE4

# Rectangle

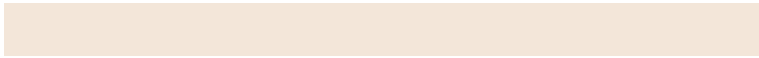
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCEAF7



EBE6F5



F3E6D9



E4EADB



# Sweetspot

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



DCEAF7



F7FBFF



DCF7E9



7A7D80



000000



808080

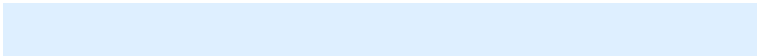


# Same Dimension

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



DCEAF7



DEEFFF



DCDDF7



6E757A



0061BA



001E3B



# Inverse Universe

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



F7DCEA



FFDEEF



F7F6DC



7A6E75



BA0061

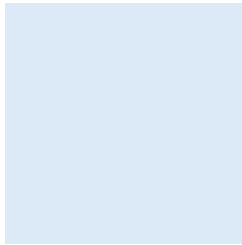


3B001E



# Previews

## White Background



This preview shows how the Hex color DCEAF7 looks on a white background.

## Color Contrast Check

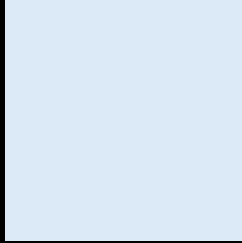
Large Text (above 18pt) WCAG AA × Fail

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 DCEAF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

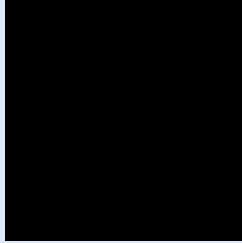
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

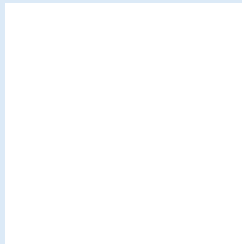
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DCEAF7 Background



This preview shows how black text looks on a background with the Hex color DCEAF7.

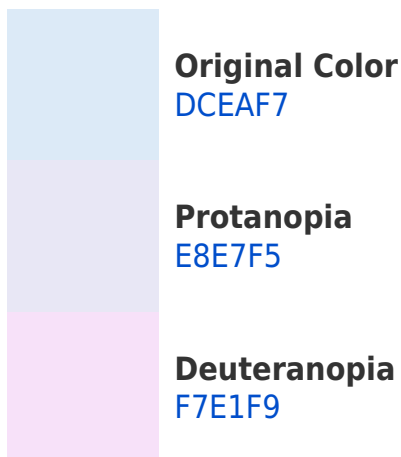


This preview shows how white text looks on a background with the Hex color DCEAF7.

# 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](#).

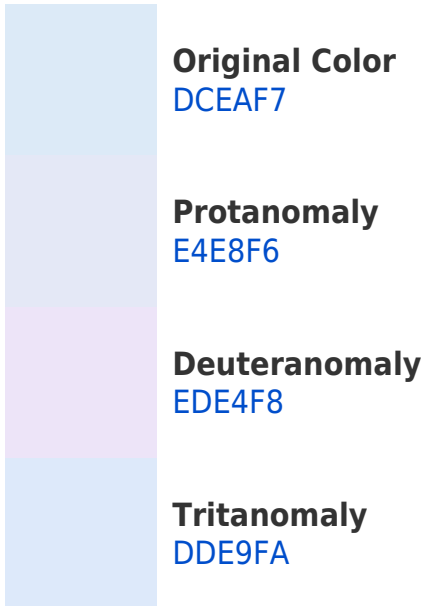
## Dichromacy



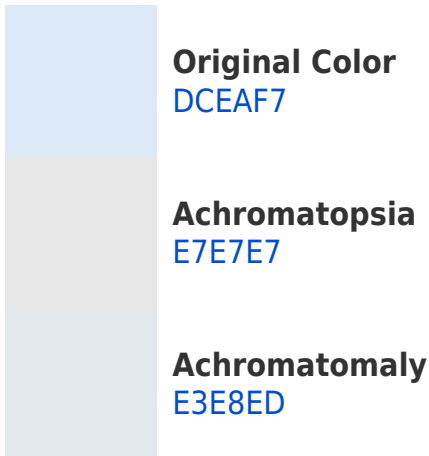


**Tritanopia**  
DDE9FC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DCEAF7 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 #DCEAF7 looks like.

```
.text, #text, p{  
    color:#DCEAF7  
}
```

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 #DCEAF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCEAF7
}
```

## Border

The CSS property to change the border of an element to Hex DCEAF7 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
#DCEAF7 }
```

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

```
.border{ border-color:#DCEAF7 }
```

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

Here you see how a box with a 4 pixel #DCEAF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCEAF7; -webkit-box-shadow:4px 4px  
4px 4px #DCEAF7; box-shadow:4px 4px 4px  
4px #DCEAF7 }
```

# Background

The CSS property to change the background color of an element to Hex DCEAF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCEAF7 }
```

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

```
.background{ background-color:#DCEAF7 }
```

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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