

Converting Colors

Hex(DCEAF9)

Have a look what the booklet for
Hex(DCEAF9) contains.

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Color

Hex(DCEAF9)

Conversions

Conversions Part 1

Format	Color
Hex	DCEAF9
RGB	220, 234, 249
RGB Percent	86%, 92%, 98%
CMY	0.1373, 0.0824, 0.0235
CMYK	0.12, 0.06, 0.00, 0.02
HSL	211°, 71%, 92%
HSV	211°, 12%, 98%
XYZ	76.0369, 80.9008, 101.2304
YIQ	231.5240, -13.1590, 1.6970

Conversions

Conversions Part 2

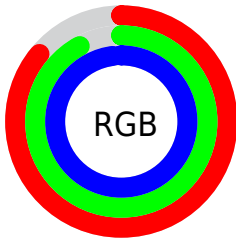
Format	Color
R _Y B	220, 229, 249
Decimal	14478073
CIE Lab	92.09, -1.74, -8.84
CIE LCh	92, 9.011, 258.885
Yxy	80.9008, 0.2945, 0.3134
Android (android.graphics.Color)	4292668153 (0xFFDCEAF9)
YUV	231.5240, 8.6157, -10.1065
Hunter-Lab	89.9449, -6.5046, -3.7678

Details

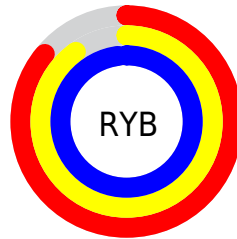
The Hex color **DCEAF9** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F9EBDC**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **A5B2C1** is the 20% darker color. If you saturate the color by 10%, you get **C3DDF9**, and if you desaturate by 10%, it is **F5F7F9**.

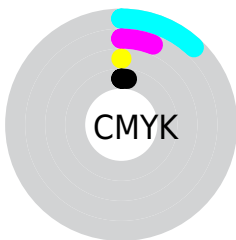
Distribution



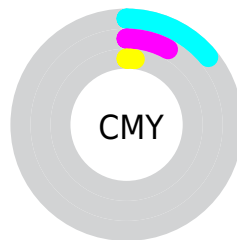
- Red (86%)
- Green (92%)
- Blue (98%)



- Red (86%)
- Yellow (90%)
- Blue (98%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCEAF9 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 DCEAF9 by changing the saturation by 10% instead.

 DCEAF9


FFFFFF

 DCEAF9

 C0CEDC

 A5B2C1


 8A98A5

 717E8B

 586572

 404D59

 2A3642

 15212C

 000A17

 DCEAF9


 DCEAF9

 C3DDF9

 F5F7F9

 AAD0F9

 FFFFF9

 91C3F9

 78B6F9

 60AAF9

 479DF9

 2E90F9

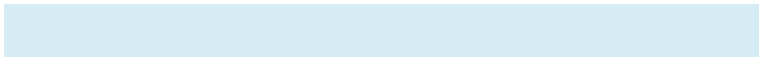
 1583F9

 0078F9

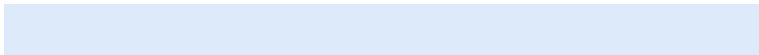
Harmonies

Analogous

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



D5ECF5



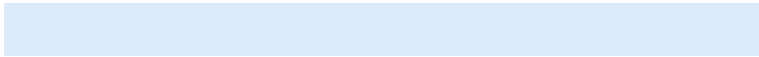
DCEAF9



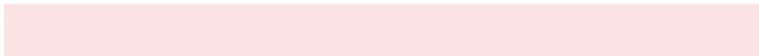
E6E7F9

Triad

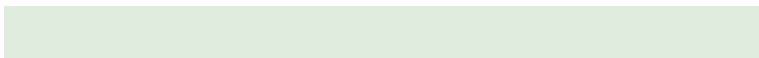
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCEAF9



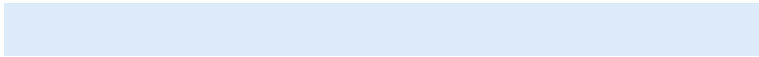
FBE3E3



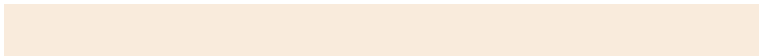
E0ECDD

Complementary

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



DCEAF9



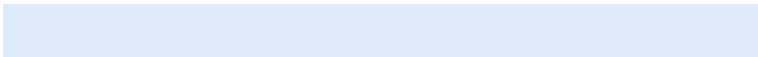
F9EBDC

Split Complementary

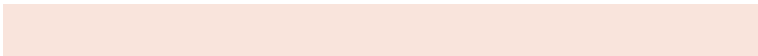
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EAE9D8



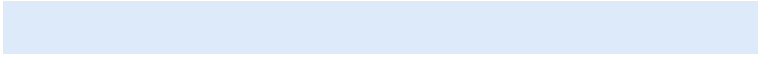
DCEAF9



F9E4DC

Square

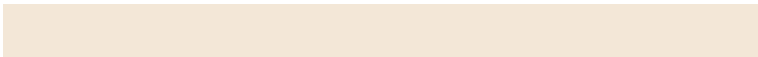
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCEAF9



F8E3EC



F3E7D7



D7EDE5

Rectangle

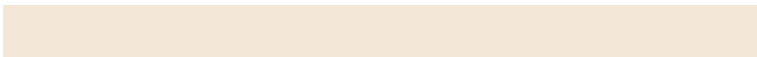
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCEAF9



EDE5F6



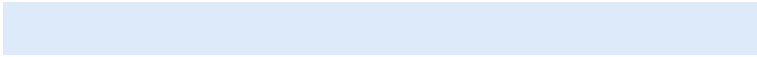
F3E7D7



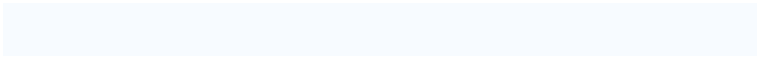
E3EBDB

Sweetspot

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



DCEAF9



F7FBFF



DCF9EB



7A7D80



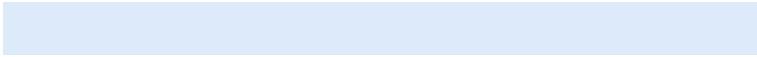
000000



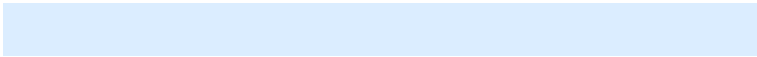
808080

Same Dimension

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



DCEAF9



DBEDFF



DCDCF9



70767D



005BBD



001E3D

Inverse Universe

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



F9DCEA



FFDBED



F9F9DC



7D7076



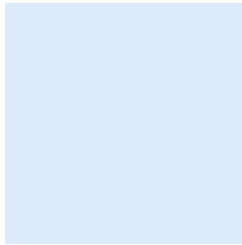
BD005B



3D001E

Previews

White Background



This preview shows how the Hex color DCEAF9 looks on a white background.

Color Contrast Check

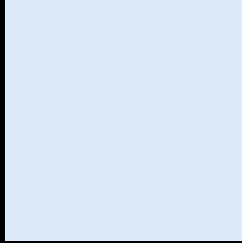
Large Text (above 18pt) WCAG AA × Fail

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 DCEAF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

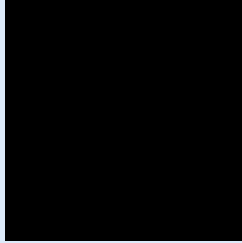
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

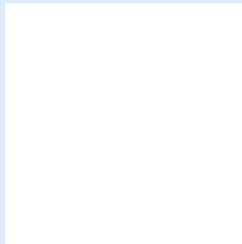
Any Text WCAG AAA ✓ Pass

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

Hex DCEAF9 Background



This preview shows how black text looks on a background with the Hex color DCEAF9.

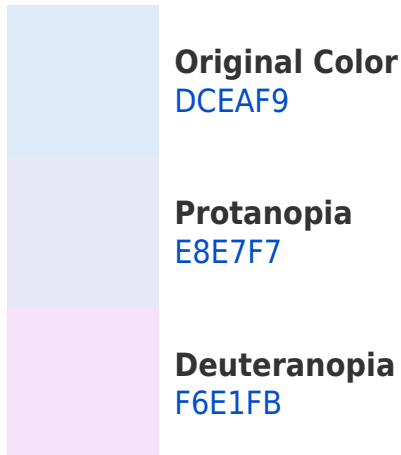


This preview shows how white text looks on a background with the Hex color DCEAF9.

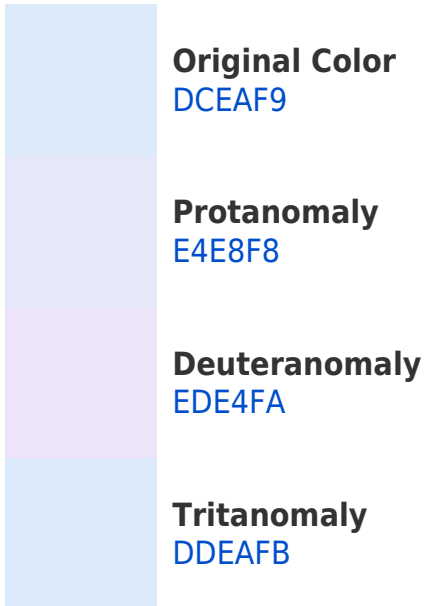
Color Blindness Simulation

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](#).

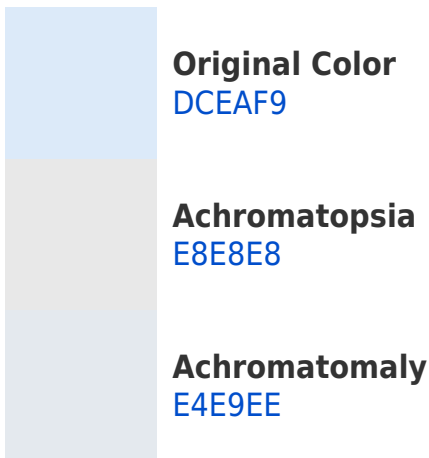
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCEAF9 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 #DCEAF9 looks like.

```
.text, #text, p{  
    color:#DCEAF9  
}
```

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 #DCEAF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCEAF9
}
```

Border

The CSS property to change the border of an element to Hex DCEAF9 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
#DCEAF9 }
```

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

```
.border{ border-color:#DCEAF9 }
```

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

Here you see how a box with a 4 pixel #DCEAF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCEAF9; -webkit-box-shadow:4px 4px  
4px 4px #DCEAF9; box-shadow:4px 4px 4px  
4px #DCEAF9 }
```

Background

The CSS property to change the background color of an element to Hex DCEAF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCEAF9 }
```

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

```
.background{ background-color:#DCEAF9 }
```

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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