

Converting Colors

Hex(DCEAF8)

Have a look what the booklet for
Hex(DCEAF8) contains.

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Color

Hex(DCEAF8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DCEAF8 |
| RGB | 220, 234, 248 |
| RGB Percent | 86%, 92%, 97% |
| CMY | 0.1373, 0.0824, 0.0275 |
| CMYK | 0.11, 0.06, 0.00, 0.03 |
| HSL | 210°, 67%, 92% |
| HSV | 210°, 11%, 97% |
| XYZ | 75.8813, 80.8386, 100.4110 |
| YIQ | 231.4100, -12.8380, 1.3860 |

Conversions

Conversions Part 2

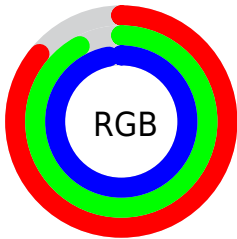
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 220, 229, 248 |
| Decimal | 14478072 |
| CIE _{Lab} | 92.06, -1.93, -8.36 |
| CIE _{LCh} | 92, 8.583, 256.974 |
| Y _{xy} | 80.8386, 0.2951, 0.3144 |
| Android (android.graphics.Color) | 4292668152 (0xFFDCEAF8) |
| Y _{UV} | 231.4100, 8.1789, -10.0066 |
| Hunter-Lab | 89.9103, -6.6949, -3.2773 |

Details

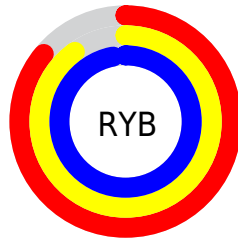
The Hex color **DCEAF8** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F8EADC**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **A5B2C0** is the 20% darker color. If you saturate the color by 10%, you get **C3DEF8**, and if you desaturate by 10%, it is **F5F6F8**.

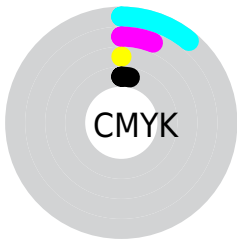
Distribution



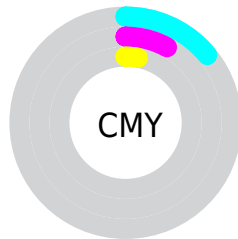
- Red (86%)
- Green (92%)
- Blue (97%)



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



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color DCEAF8 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 DCEAF8 by changing the saturation by 10% instead.

 DCEAF8


FFFFFF

 DCEAF8

 C0CEDB

 A5B2C0


 8A98A5

 717E8A

 586571

 414D58

 2A3641

 15212B

 000A17

 DCEAF8

 DCEAF8

 C3DEF8

 F5F6F8

 AAD1F8

 FFFFF8

 92C5F8

 79B8F8

 60ACF8

 47A0F8

 2E93F8

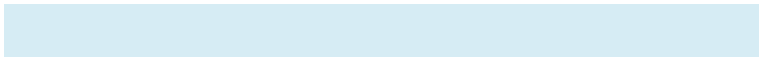
 1687F8

 007CF8

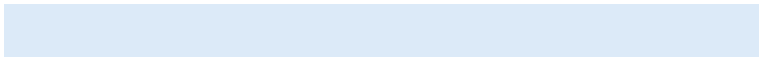
Harmonies

Analogous

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



D6ECF4



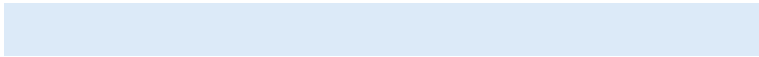
DCEAF8



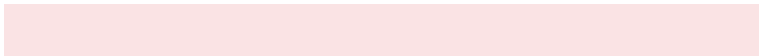
E6E7F8

Triad

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



DCEAF8



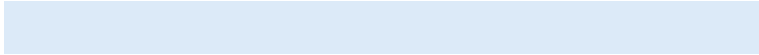
FAE3E4



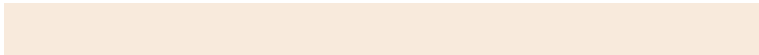
E1ECDD

Complementary

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



DCEAF8



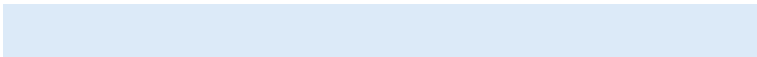
F8EADC

Split Complementary

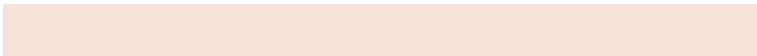
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EAE9D8



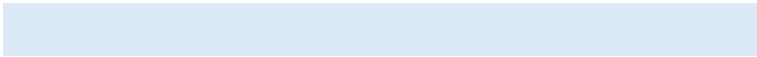
DCEAF8



F9E4DC

Square

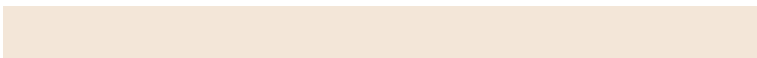
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCEAF8



F7E3EC



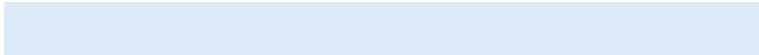
F3E6D8



D8EDE4

Rectangle

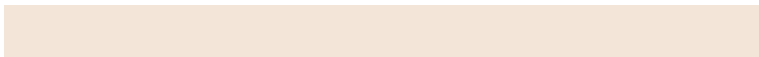
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



DCEAF8



ECE6F5



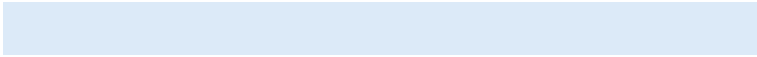
F3E6D8



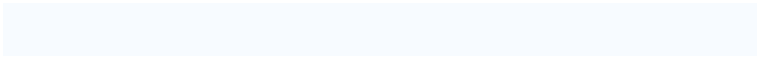
E4EBDB

Sweetspot

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



DCEAF8



F7FBFF



DCF8EA



7A7D80



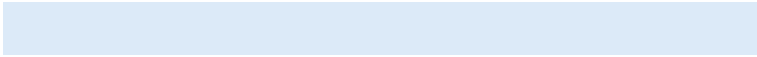
000000



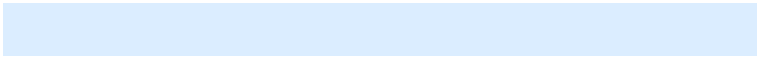
808080

Same Dimension

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



DCEAF8



DBEDFF



DCDCF8



70777D



005EBD



001F3D

Inverse Universe

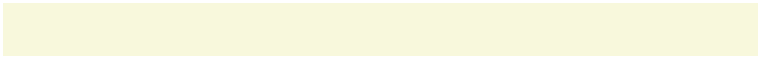
The Inverse Universe completely reimagines the original color for something new.



F8DCEA



FFDBED



F8F8DC



7D7077



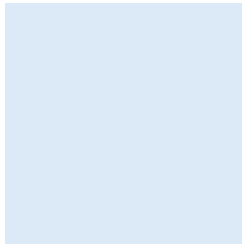
BD005E



3D001F

Previews

White Background



This preview shows how the Hex color DCEAF8 looks on a white background.

Color Contrast Check

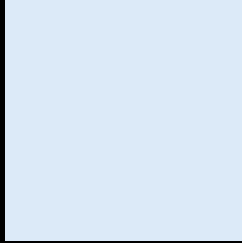
Large Text (above 18pt) WCAG AA × Fail

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 DCEAF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

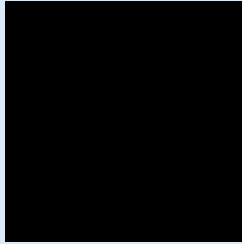
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

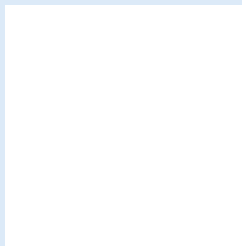
Any Text WCAG AAA ✓ Pass

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

Hex DCEAF8 Background



This preview shows how black text looks on a background with the Hex color DCEAF8.

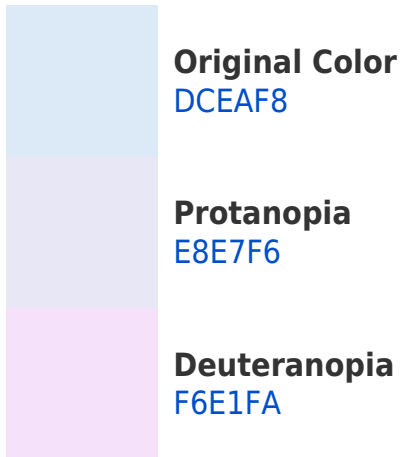


This preview shows how white text looks on a background with the Hex color DCEAF8.

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](#).

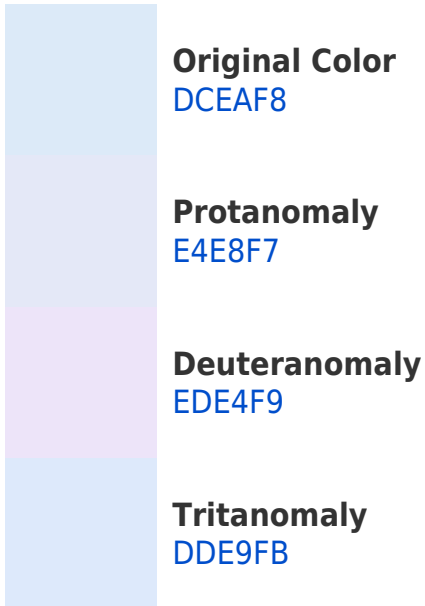
Dichromacy



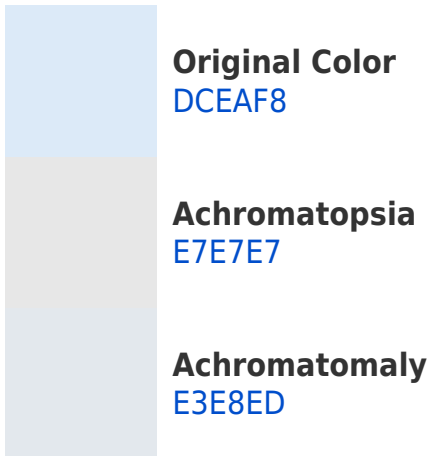


Tritanopia
DDE9FC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DCEAF8 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 #DCEAF8 looks like.

```
.text, #text, p{  
    color:#DCEAF8  
}
```

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 #DCEAF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCEAF8
}
```

Border

The CSS property to change the border of an element to Hex DCEAF8 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
#DCEAF8 }
```

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

```
.border{ border-color:#DCEAF8 }
```

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

Here you see how a box with a 4 pixel #DCEAF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCEAF8; -webkit-box-shadow:4px 4px  
4px 4px #DCEAF8; box-shadow:4px 4px 4px  
4px #DCEAF8 }
```

Background

The CSS property to change the background color of an element to Hex DCEAF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCEAF8 }
```

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

```
.background{ background-color:#DCEAF8 }
```

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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