

Converting Colors

Hex(DCEFEB)

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

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Color

Hex(DCEFEB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DCEFEB |
| RGB | 220, 239, 235 |
| RGB Percent | 86%, 94%, 92% |
| CMY | 0.1373, 0.0627, 0.0784 |
| CMYK | 0.08, 0.00, 0.02, 0.06 |
| HSL | 167°, 37%, 90% |
| HSV | 167°, 8%, 94% |
| XYZ | 75.3771, 82.9468, 90.6348 |
| YIQ | 232.8630, -10.0400, -5.2720 |

Conversions

Conversions Part 2

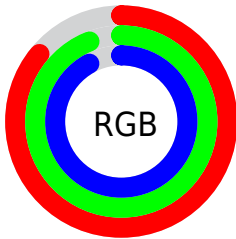
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 220, 231, 239 |
| Decimal | 14479339 |
| CIE Lab | 92.99, -6.98, -0.22 |
| CIE LCh | 93, 6.982, 181.818 |
| Yxy | 82.9468, 0.3028, 0.3332 |
| Android (android.graphics.Color) | 4292669419 (0xFFDCEFEB) |
| YUV | 232.8630, 1.0535, -11.2809 |
| Hunter-Lab | 91.0751, -11.6484, 4.7493 |

Details

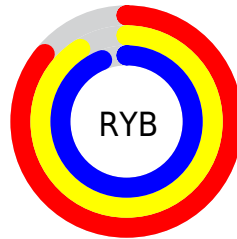
The Hex color **DCEFEB** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **EFDCE0**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFFFF**, and **A5B7B3** is the 20% darker color. If you saturate the color by 10%, you get **C4EFE6**, and if you desaturate by 10%, it is **F4EFF0**.

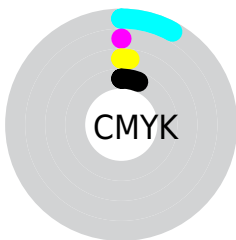
Distribution



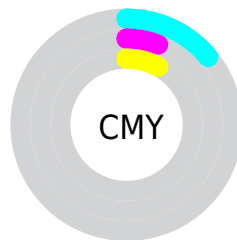
- Red (86%)
- Green (94%)
- Blue (92%)



- Red (86%)
- Yellow (91%)
- Blue (94%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 DCEFEB

FFFFFF

 DCEFEB

 C0D3CF

 A5B7B3

 8B9C99

 71827F

 586966

 41514E

 2B3A37

 162422

 000F0B

 DCEFEB

 DCEFEB

 C4EFE6

 F4EFF0

 ACEFE1

 FFEFF5

 94EFD7

 FFEFFA

 7CEFD7

 FFEFFF

 65EFD2

 4DEFCD

 35EFC8

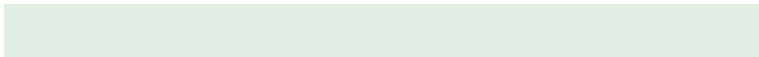
 1DEFCD

 05EFBE

Harmonies

Analogous

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



E1EEE4



DCEFEB



DBEFF2

Triad

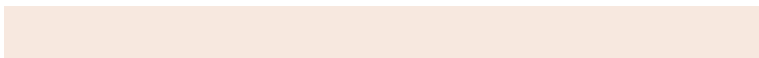
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



DCEFEB



EDE9F6



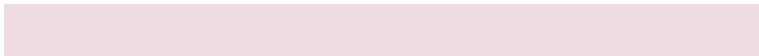
F7E8DF

Complementary

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



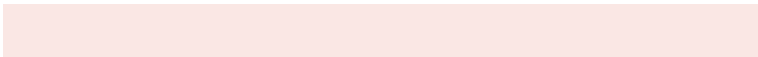
DCEFEB



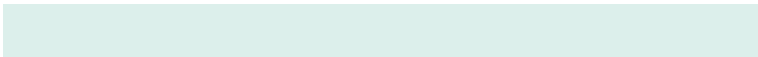
EFDCE0

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.



FAE7E4



DCEFEB



F4E7F1

Square

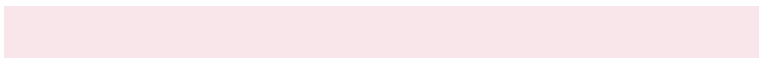
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



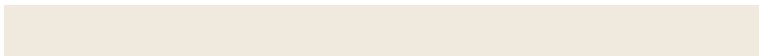
DCEFEB



E5EBF8



F9E6EB



F0EADE

Rectangle

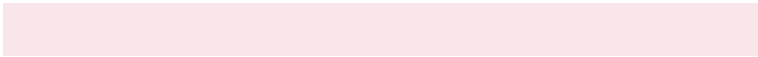
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



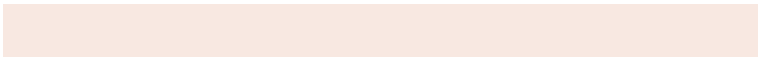
DCEFEB



DCEE55



F9E6EB



F8E8E1

Sweetspot

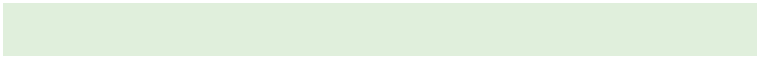
The Sweet Spot groups the original color and five complimentary colors.



DCEFEB



FAFFFE



E0EFDC



7D807F



000000



808080

Same Dimension

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



DCEFEB



E6FFFA



DCEAEF



6C7875



00B891



00382C

Inverse Universe

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



EFDCE0



FFE6EB



EFE1DC



786C6E



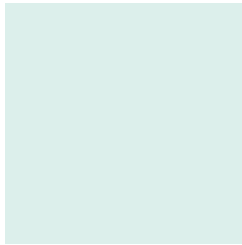
B80027



38000C

Previews

White Background



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

Color Contrast Check

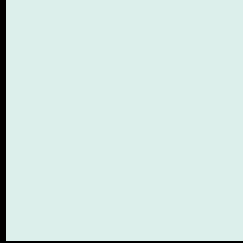
Large Text (above 18pt) WCAG AA × Fail

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 DCEFEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

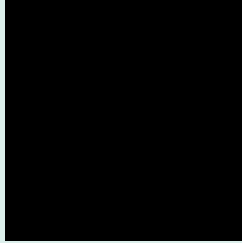
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

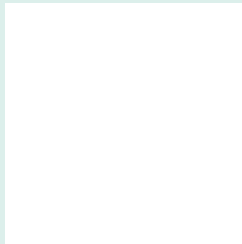
Any Text WCAG AAA ✓ Pass

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

Hex DCEFEB Background



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

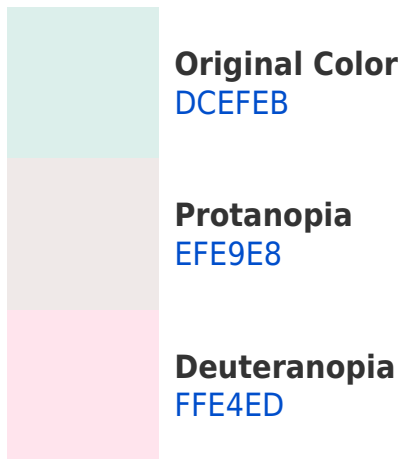


This preview shows how white text looks on a background with the Hex color DCEFEB.

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 DCEFEB 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 #DCEFEB looks like.

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

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 #DCEFEB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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