

Converting Colors

Hex(DCE2FA)

Have a look what the booklet for
Hex(DCE2FA) contains.

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Color

Hex(DCE2FA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DCE2FA |
| RGB | 220, 226, 250 |
| RGB Percent | 86%, 89%, 98% |
| CMY | 0.1373, 0.1137, 0.0196 |
| CMYK | 0.12, 0.10, 0.00, 0.02 |
| HSL | 228°, 75%, 92% |
| HSV | 228°, 12%, 98% |
| XYZ | 73.9669, 76.5105, 101.3120 |
| YIQ | 226.9420, -11.2800, 6.1920 |

Conversions

Conversions Part 2

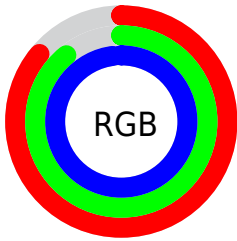
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 220, 225, 250 |
| Decimal | 14476026 |
| CIE Lab | 90.10, 2.60, -12.33 |
| CIE LCh | 90, 12.599, 281.895 |
| Yxy | 76.5105, 0.2938, 0.3039 |
| Android (android.graphics.Color) | 4292666106 (0xFFDCE2FA) |
| YUV | 226.9420, 11.3676, -6.0881 |
| Hunter-Lab | 87.4703, -2.1293, -7.4432 |

Details

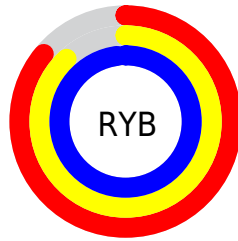
The Hex color `DCE2FA` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `FAF4DC`, and the grayscale version is `E3E3E3`.

A 20% lighter version of the original color is `FFFFFF`, and `A5ABC2` is the 20% darker color. If you saturate the color by 10%, you get `C3CEFA`, and if you desaturate by 10%, it is `F5F6FA`.

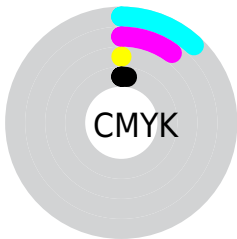
Distribution



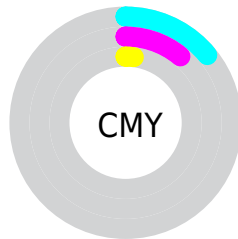
- Red (86%)
- Green (89%)
- Blue (98%)



- Red (86%)
- Yellow (88%)
- Blue (98%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCE2FA 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 DCE2FA by changing the saturation by 10% instead.

 DCE2FA

FFFFFF

 DCE2FA

 C0C6DD

 A5ABC2


 8A90A6

 71778C

 585E72

 40465A

 2A3042

 151B2C

 000018

 DCE2FA

 DCE2FA

 C3CEFA

 F5F6FA

 AABAFA

 FFFFFA

 91A6FA

 7892FA

 5F7EFA

 466AFA

 2D56FA

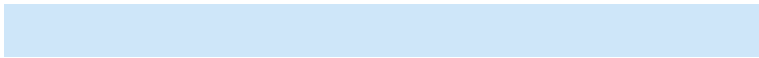
 1442FA

 0032FA

Harmonies

Analogous

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



CEE6F9



DCE2FA



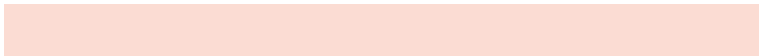
EBDEF5

Triad

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



DCE2FA



FBDCD3



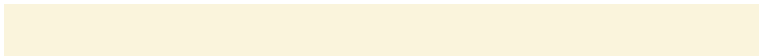
CDE9DB

Complementary

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



DCE2FA



FAF4DC

Split Complementary

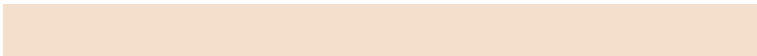
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



DAE7D0



DCE2FA



F4DFCC

Square

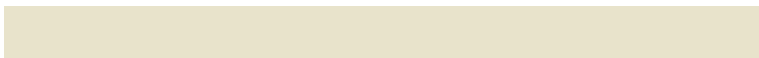
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCE2FA



FDDBDE



E8E3CB



C6EAE7

Rectangle

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



DCE2FA



F3DCEE



E8E3CB



D1E9D7

Sweetspot

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



DCE2FA



F5F7FF



DCFAF4



797A80



000000



808080

Same Dimension

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



DCE2FA



DBE2FF



E5DCFA



70737D



0026BD



000C3D

Inverse Universe

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



FADCE2



FFDBE2



F1FADC



7D7073



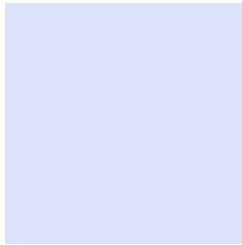
BD0026



3D000C

Previews

White Background



This preview shows how the Hex color DCE2FA looks on a white background.

Color Contrast Check

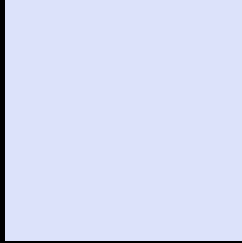
Large Text (above 18pt) WCAG AA × Fail

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 DCE2FA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

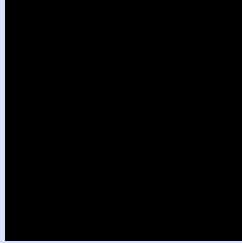
Any Text WCAG AA ✓ Pass

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 DCE2FA Background



This preview shows how black text looks on a background with the Hex color DCE2FA.



This preview shows how white text looks on a background with the Hex color DCE2FA.

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](#).

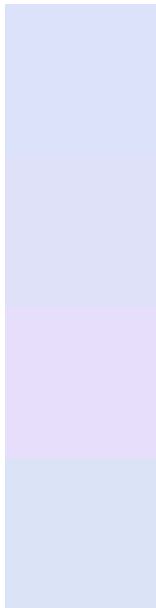
Dichromacy





Tritanopia
DBE3F5

Trichromacy



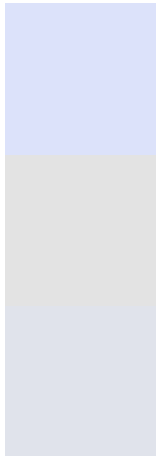
Original Color
DCE2FA

Protanomaly
DFE1F9

Deuteranomaly
E7DEFB

Tritanomaly
DBE3F7

Monochromacy



Original Color
DCE2FA

Achromatopsia
E3E3E3

Achromatomaly
E0E3EB

CSS Examples

Text

The CSS property to change the color of the text to Hex DCE2FA 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 #DCE2FA looks like.

```
.text, #text, p{  
    color:#DCE2FA  
}
```

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 #DCE2FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE2FA
}
```

Border

The CSS property to change the border of an element to Hex DCE2FA 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
#DCE2FA }
```

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

```
.border{ border-color:#DCE2FA }
```

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

Here you see how a box with a 4 pixel #DCE2FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE2FA; -webkit-box-shadow:4px 4px  
4px 4px #DCE2FA; box-shadow:4px 4px 4px  
4px #DCE2FA }
```

Background

The CSS property to change the background color of an element to Hex DCE2FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE2FA }
```

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

```
.background{ background-color:#DCE2FA }
```

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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