

Converting Colors

Hex(DCE2F8)

Have a look what the booklet for
Hex(DCE2F8) contains.

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Color

Hex(DCE2F8)

Conversions

Conversions Part 1

Format	Color
Hex	DCE2F8
RGB	220, 226, 248
RGB Percent	86%, 89%, 97%
CMY	0.1373, 0.1137, 0.0275
CMYK	0.11, 0.09, 0.00, 0.03
HSL	227°, 67%, 92%
HSV	227°, 11%, 97%
XYZ	73.6548, 76.3857, 99.6688
YIQ	226.7140, -10.6380, 5.5700

Conversions

Conversions Part 2

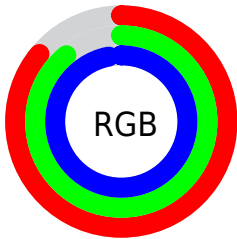
Format	Color
R _Y B	220, 225, 248
Decimal	14476024
CIE Lab	90.04, 2.20, -11.37
CIE LCh	90, 11.578, 280.945
Yxy	76.3857, 0.2950, 0.3059
Android (android.graphics.Color)	4292666104 (0xFFDCE2F8)
YUV	226.7140, 10.4940, -5.8882
Hunter-Lab	87.3989, -2.5184, -6.4345

Details

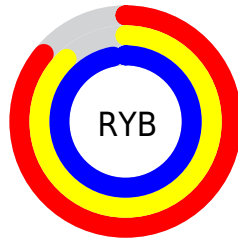
The Hex color `DCE2F8` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `F8F2DC`, and the grayscale version is `E3E3E3`.

A 20% lighter version of the original color is `FFFFFF`, and `A5ABC0` is the 20% darker color. If you saturate the color by 10%, you get `C3CFF8`, and if you desaturate by 10%, it is `F5F5F8`.

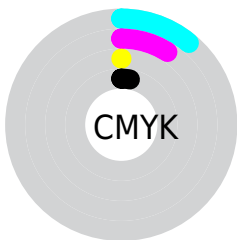
Distribution



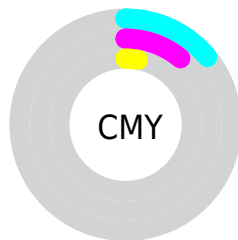
- Red (86%)
- Green (89%)
- Blue (97%)



- Red (86%)
- Yellow (88%)
- Blue (97%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCE2F8 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 DCE2F8 by changing the saturation by 10% instead.

 DCE2F8


FFFFFF

 DCE2F8

 C0C6DB

 A5ABC0


 8A90A5

 71778A

 585E71

 414658

 2A3041

 151B2B

 000017

 DCE2F8

 DCE2F8

 C3CFF8

 F5F5F8

 AABBF8

 FFFFF8

 92A8F8

 7994F8

 6081F8

 476DF8

 2E5AF8

 1646F8

 0035F8

Harmonies

Analogous

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



CFE6F7



DCE2F8



EADEF3

Triad

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



DCE2F8



F9DCD4



CFE9DB

Complementary

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



DCE2F8



F8F2DC

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.



DBE6D2



DCE2F8



F3DFCE

Square

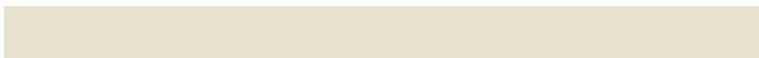
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DCE2F8



FADBDF



E7E3CD



C8E9E6

Rectangle

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



DCE2F8



F2DDED



E7E3CD



D3E8D7

Sweetspot

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



DCE2F8



F7F9FF



DCF8F2



7A7B80



000000



808080

Same Dimension

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



DCE2F8



DBE3FF



E4DCF8



70737D



0028BD



000D3D

Inverse Universe

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



F8DCE2



FFDBE3



F0F8DC



7D7073



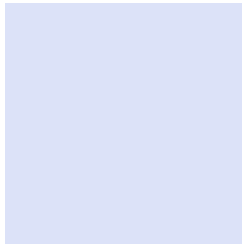
BD0028



3D000D

Previews

White Background



This preview shows how the Hex color DCE2F8 looks on a white background.

Color Contrast Check

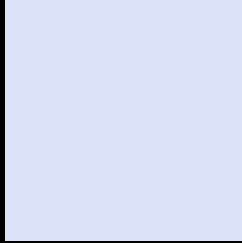
Large Text (above 18pt) WCAG AA × Fail

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 DCE2F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

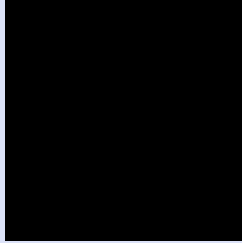
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

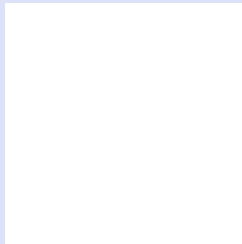
Any Text WCAG AAA ✓ Pass

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

Hex DCE2F8 Background



This preview shows how black text looks on a background with the Hex color DCE2F8.



This preview shows how white text looks on a background with the Hex color DCE2F8.

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](#).

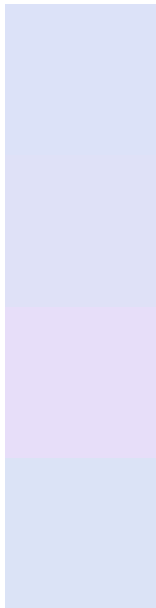
Dichromacy





Tritanopia
DBE3F5

Trichromacy



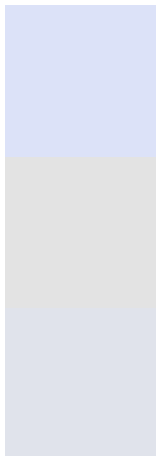
Original Color
DCE2F8

Protanomaly
DFE1F7

Deuteranomaly
E7DEF9

Tritanomaly
DBE3F6

Monochromacy



Original Color
DCE2F8

Achromatopsia
E3E3E3

Achromatomaly
E0E3EB

CSS Examples

Text

The CSS property to change the color of the text to Hex DCE2F8 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 #DCE2F8 looks like.

```
.text, #text, p{  
    color:#DCE2F8  
}
```

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 #DCE2F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCE2F8
}
```

Border

The CSS property to change the border of an element to Hex DCE2F8 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
#DCE2F8 }
```

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

```
.border{ border-color:#DCE2F8 }
```

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

Here you see how a box with a 4 pixel #DCE2F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCE2F8; -webkit-box-shadow:4px 4px  
4px 4px #DCE2F8; box-shadow:4px 4px 4px  
4px #DCE2F8 }
```

Background

The CSS property to change the background color of an element to Hex DCE2F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCE2F8 }
```

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

```
.background{ background-color:#DCE2F8 }
```

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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