

Converting Colors

Hex(DCDCEF)

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

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Color

Hex(DCDCEF)

Conversions

Conversions Part 1

Format	Color
Hex	DCDCEF
RGB	220, 220, 239
RGB Percent	86%, 86%, 94%
CMY	0.1373, 0.1373, 0.0627
CMYK	0.08, 0.08, 0.00, 0.06
HSL	240°, 37%, 90%
HSV	240°, 8%, 94%
XYZ	70.6884, 72.6340, 91.9554
YIQ	222.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

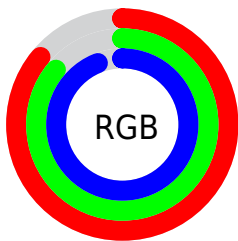
Format	Color
R _Y B	220, 220, 239
Decimal	14474479
CIE Lab	88.27, 3.56, -9.27
CIE LCh	88, 9.925, 290.999
Yxy	72.6340, 0.3004, 0.3087
Android (android.graphics.Color)	4292664559 (0xFFDCDCEF)
YUV	222.1660, 8.2992, -1.8996
Hunter-Lab	85.2256, -1.0922, -4.3139

Details

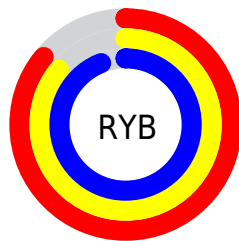
The Hex color `DCDCEF` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `EFEFDC`, and the grayscale version is `DEDEDE`.

A 20% lighter version of the original color is `FFFFFF`, and `A5A5B7` is the 20% darker color. If you saturate the color by 10%, you get `C4C4EF`, and if you desaturate by 10%, it is `F4F4EF`.

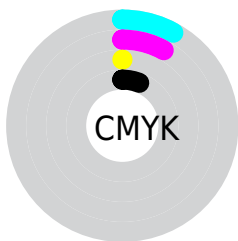
Distribution



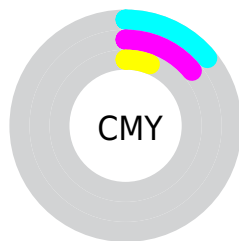
- Red (86%)
- Green (86%)
- Blue (94%)



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



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



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

Brightness & Saturation Gradients

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

■ DCDCEF

FFFFFF

■ DCDCEF

■ C0C0D3

■ A5A5B7

■ 8B8B9C

■ 717182

■ 595969

■ 414251

■ 2B2C3A

■ 161724

■ 00010F

 DCDCEF

 DCDCEF

 C4C4EF

 F4F4EF

 ACACEF

 FFFFEF

 9494EF

 7C7CEF

 6565EF

 4D4DEF

 3535EF

 1D1DEF

 0505EF

Harmonies

Analogous

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



D1DFF0



DCDCEF



E7D9E9

Triad

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



DCDCEF



F0D9CF



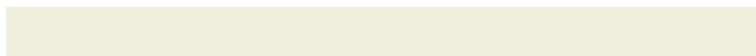
CAE3DA

Complementary

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



DCDCEF



EFEFDC

Split Complementary

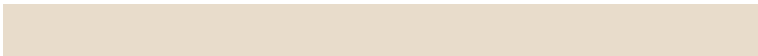
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D3E2D1



DCDCEF



E8DCCB

Square

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



DCDCEF



F2D7D7



DEDFCC



C6E3E4

Rectangle

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



DCDCEF



EDD8E4



DEDFCC



CDE3D7

Sweetspot

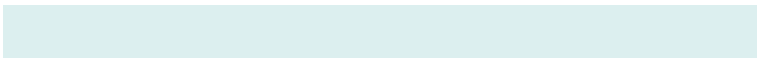
The Sweet Spot groups the original color and five complimentary colors.



DCDCEF



FAFAFF



DCEFEF



7D7D80



000000



808080

Same Dimension

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



DCDCEF



E6E6FF



E5DCEF



6C6C78



0000B8



000038

Inverse Universe

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



EFDCEF



FFE6FF



E5EFDC



786C78



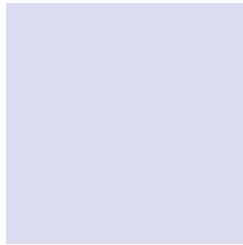
B800B8



380038

Previews

White Background



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

Color Contrast Check

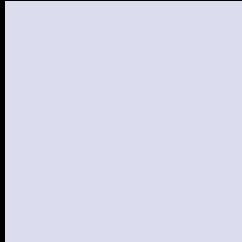
Large Text (above 18pt) WCAG AA × Fail

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 DCDCEF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

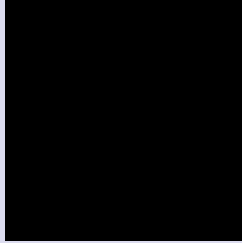
Any Text WCAG AA ✓ Pass

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 DCDCEF Background



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

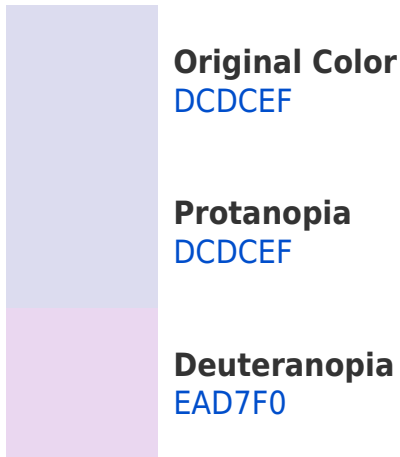


This preview shows how white text looks on a background with the Hex color DCDCEF.

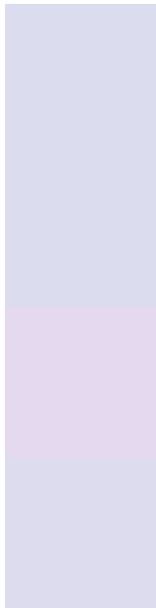
Color Blindness Simulation

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



Original Color
DCDCEF

Protanomaly
DCDCEF

Deuteranomaly
E5D9F0

Tritanomaly
DCDCEE

Monochromacy



Original Color
DCDCEF

Achromatopsia
DEDEDE

Achromatomaly
DDDDE4

CSS Examples

Text

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

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

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 #DCDCEF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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