

Converting Colors

Hex(D0D0EA)

Have a look what the booklet for
Hex(D0D0EA) contains.

Hex(D0D0EA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D0D0EA)

Conversions

Conversions Part 1

Format	Color
Hex	D0D0EA
RGB	208, 208, 234
RGB Percent	82%, 82%, 92%
CMY	0.1843, 0.1843, 0.0824
CMYK	0.11, 0.11, 0.00, 0.08
HSL	240°, 38%, 87%
HSV	240°, 11%, 92%
XYZ	63.4196, 64.4622, 86.9418
YIQ	210.9640, -8.3460, 8.0860

Conversions

Conversions Part 2

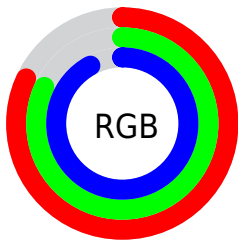
Format	Color
R _Y B	208, 208, 234
Decimal	13684970
CIE Lab	84.21, 4.99, -12.78
CIE LCh	84, 13.719, 291.350
Yxy	64.4622, 0.2952, 0.3001
Android (android.graphics.Color)	4291875050 (0xFFD0D0EA)
YUV	210.9640, 11.3567, -2.5994
Hunter-Lab	80.2883, 0.4922, -8.0015

Details

The Hex color **D0D0EA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EAEAD0**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFFFF**, and **9A9AB2** is the 20% darker color. If you saturate the color by 10%, you get **B9B9EA**, and if you desaturate by 10%, it is **E7E7EA**.

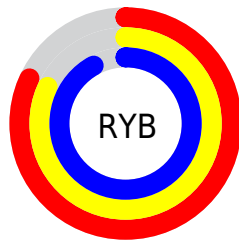
Distribution



Red (82%)

Green (82%)

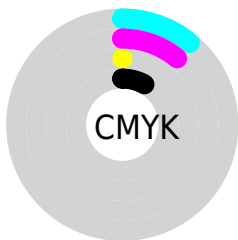
Blue (92%)



Red (82%)

Yellow (82%)

Blue (92%)

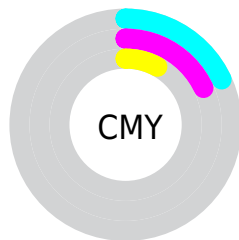


Cyan (11%)

Magenta (11%)

Yellow (0%)

Black (8%)



Cyan (18%)

Magenta (18%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0D0EA 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 D0D0EA by changing the saturation by 10% instead.

■ D0D0EA

FFFFFF

■ D0D0EA

■ B4B4CE

■ 9A9AB2

■ 7F8098

■ 66677E

■ 4E4F65

■ 37384D

■ 212336

■ 0C0D21

■ 000007

 D0D0EA

 D0D0EA

 B9B9EA

 E7E7EA

 A1A1EA

 FFFFEA


 8A8AEA

 7272EA

 5B5BEA

 4444EA

 2C2CEA

 1515EA

 0000EA

Harmonies

Analogous

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



C0D4EB



D0D0EA



DFCCE2

Triad

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



D0D0EA



EACCBE



B7DACE

Complementary

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



D0D0EA



EAEAD0

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.



C4D8C2



D0D0EA



E1D0B9

Square

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



D0D0EA



EECAC9



D3D4BA



B1DADB

Rectangle

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



D0D0EA



E7CADB



D3D4BA



BBD9C9

Sweetspot

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



D0D0EA



F7F7FF



D0EAEA



7A7A80



000000



808080

Same Dimension

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



D0D0EA



DEDEFF



DDD0EA



6A6A75



0000B5



000036

Inverse Universe

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



EAD0EA



FFDEFF



DDEAD0



756A75



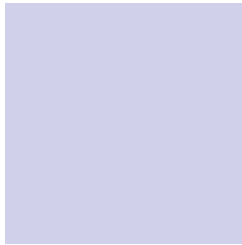
B500B5



360036

Previews

White Background



This preview shows how the Hex color D0D0EA looks on a white background.

Color Contrast Check

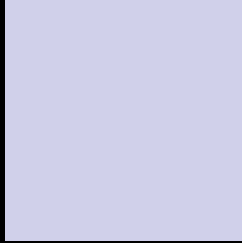
Large Text (above 18pt) WCAG AA × Fail

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 D0D0EA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

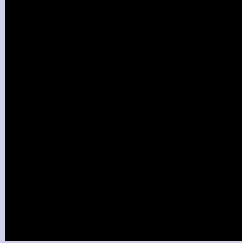
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

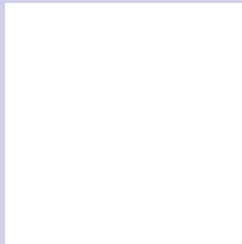
Any Text WCAG AAA ✓ Pass

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

Hex D0D0EA Background



This preview shows how black text looks on a background with the Hex color D0D0EA.

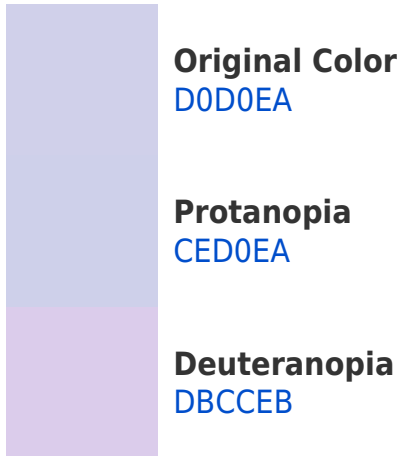


This preview shows how white text looks on a background with the Hex color D0D0EA.

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
D0D0EA

Protanomaly
CFD0EA

Deuteranomaly
D7CDEB

Tritanomaly
CFD1E5

Monochromacy



Original Color
D0D0EA

Achromatopsia
D3D3D3

Achromatomaly
D2D2DB

CSS Examples

Text

The CSS property to change the color of the text to Hex D0D0EA 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 #D0D0EA looks like.

```
.text, #text, p{  
    color:#D0D0EA  
}
```

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 #D0D0EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0D0EA
}
```

Border

The CSS property to change the border of an element to Hex D0D0EA 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
#D0D0EA }
```

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

```
.border{ border-color:#D0D0EA }
```

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

Here you see how a box with a 4 pixel #D0D0EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0D0EA; -webkit-box-shadow:4px 4px  
4px 4px #D0D0EA; box-shadow:4px 4px 4px  
4px #D0D0EA }
```

Background

The CSS property to change the background color of an element to Hex D0D0EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0D0EA }
```

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

```
.background{ background-color:#D0D0EA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor