

# Converting Colors

Hex(D0E3F2)

Have a look what the booklet for  
Hex(D0E3F2) contains.

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# **Color**

**Hex(D0E3F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0E3F2
RGB	208, 227, 242
RGB Percent	82%, 89%, 95%
CMY	0.1843, 0.1098, 0.0510
CMYK	0.14, 0.06, 0.00, 0.05
HSL	206°, 57%, 88%
HSV	206°, 14%, 95%
XYZ	69.5085, 74.7589, 94.7708
YIQ	223.0290, -16.1390, 0.6370

# Conversions

## Conversions Part 2

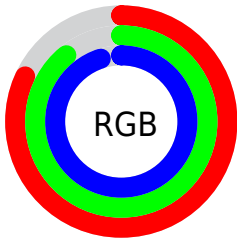
Format	Color
R <sub>Y</sub> B	208, 220, 242
Decimal	13689842
CIE Lab	89.28, -3.32, -9.44
CIE LCh	89, 10.006, 250.630
Yxy	74.7589, 0.2908, 0.3127
Android (android.graphics.Color)	4291879922 (0xFFD0E3F2)
YUV	223.0290, 9.3527, -13.1804
Hunter-Lab	86.4632, -7.8129, -4.4625

# Details

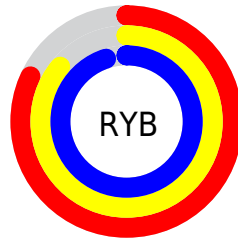
The Hex color **D0E3F2** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **F2DFD0**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFFFF**, and **99ACBA** is the 20% darker color. If you saturate the color by 10%, you get **B8D8F2**, and if you desaturate by 10%, it is **E8EEF2**.

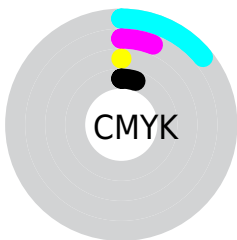
# Distribution



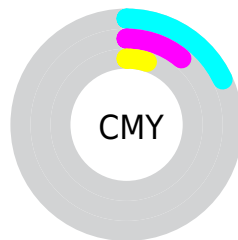
- Red (82%)
- Green (89%)
- Blue (95%)



- Red (82%)
- Yellow (86%)
- Blue (95%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (11%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0E3F2 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 D0E3F2 by changing the saturation by 10% instead.



 D0E3F2

FFFFFF

 D0E3F2

 B4C7D6

 99ACBA

 7F919F

 667885

 4E5F6C

 364753

 20313C

 0A1C27

 000112

 D0E3F2

 D0E3F2

 B8D8F2

 E8EEF2

 A0CEF2

 FFF8F2

 87C3F2

 FFFFF2

 6FB8F2

 57AEF2

 3FA3F2

 2798F2

 0E8EF2

 0087F2

# Harmonies

## Analogous

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



CAE5EC



D0E3F2



DBE0F3

# Triad

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



D0E3F2



F5DADD



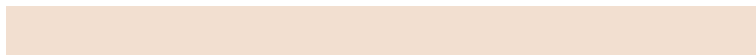
DAE4D2

# Complementary

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



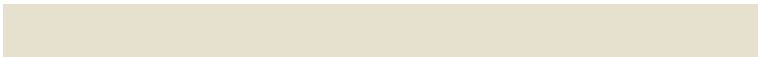
D0E3F2



F2DFD0

# 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.



E5E1CE



D0E3F2



F4DBD4

# Square

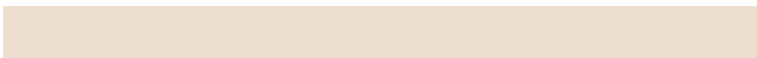
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D0E3F2



F0DBE7



EEDECF



D0E6DA

# Rectangle

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



D0E3F2



E3DEF1



EEDECF



DDE3D0

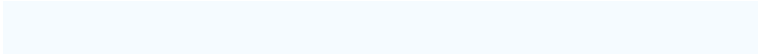


# Sweetspot

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



D0E3F2



F5FBFF



D0F2DF



797D80



000000



808080

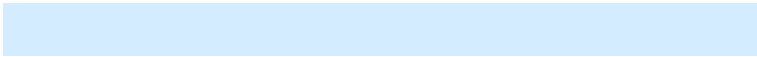


# Same Dimension

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



D0E3F2



D4ECFF



D0D2F2



6C7378



0067B8



001F38



# Inverse Universe

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



F2D0E3



FFD4EC



F2F0D0



786C73



B80067

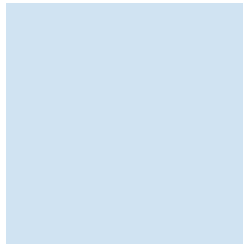


38001F



# Previews

## White Background



This preview shows how the Hex color D0E3F2 looks on a white background.

## Color Contrast Check

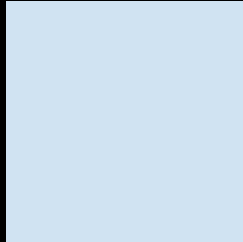
Large Text (above 18pt) WCAG AA × Fail

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 D0E3F2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

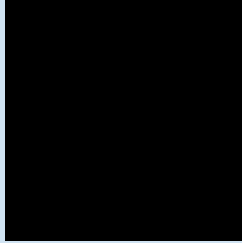
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

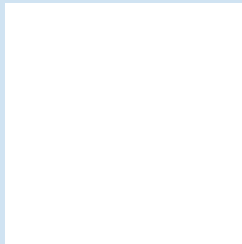
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D0E3F2 Background



This preview shows how black text looks on a background with the Hex color D0E3F2.

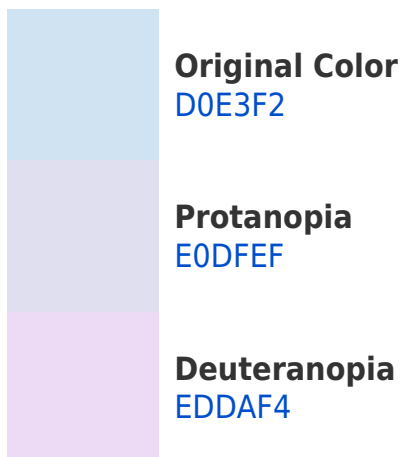


This preview shows how white text looks on a background with the Hex color D0E3F2.

# 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](#).

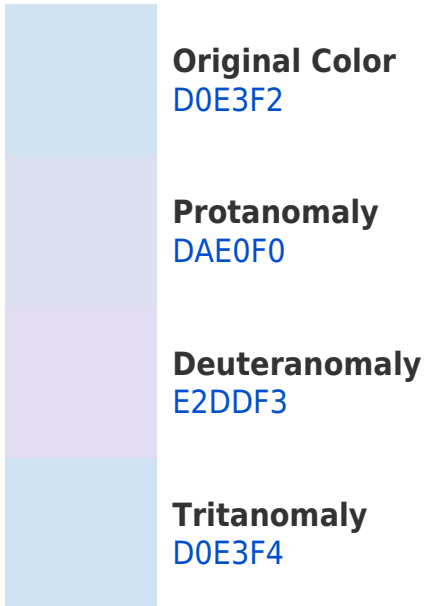
## Dichromacy



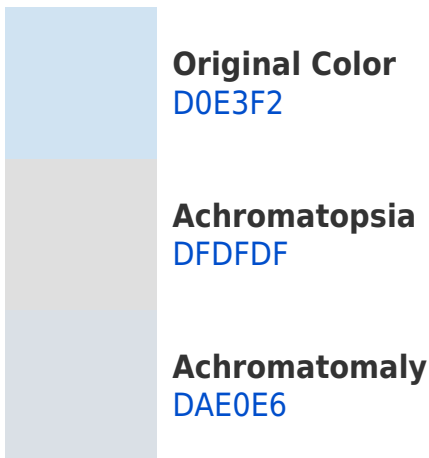


**Tritanopia**  
D0E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0E3F2 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 #D0E3F2 looks like.

```
.text, #text, p{  
    color:#D0E3F2  
}
```

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 #D0E3F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0E3F2
}
```

## Border

The CSS property to change the border of an element to Hex D0E3F2 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
#D0E3F2 }
```

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

```
.border{ border-color:#D0E3F2 }
```

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

Here you see how a box with a 4 pixel #D0E3F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0E3F2; -webkit-box-shadow:4px 4px  
4px 4px #D0E3F2; box-shadow:4px 4px 4px  
4px #D0E3F2 }
```

# Background

The CSS property to change the background color of an element to Hex D0E3F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0E3F2 }
```

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

```
.background{ background-color:#D0E3F2 }
```

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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