

Converting Colors

Hex(D7D3F2)

Have a look what the booklet for
Hex(D7D3F2) contains.

Hex(D7D3F2)	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(D7D3F2)

Conversions

Conversions Part 1

Format	Color
Hex	D7D3F2
RGB	215, 211, 242
RGB Percent	84%, 83%, 95%
CMY	0.1569, 0.1725, 0.0510
CMYK	0.11, 0.13, 0.00, 0.05
HSL	248°, 54%, 89%
HSV	248°, 13%, 95%
XYZ	67.3456, 67.4464, 93.4734
YIQ	215.7300, -7.5670, 10.4890

Conversions

Conversions Part 2

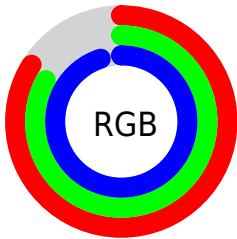
Format	Color
R _Y B	215, 211, 242
Decimal	14144498
CIE Lab	85.73, 7.27, -14.69
CIE LCh	86, 16.386, 296.323
Yxy	67.4464, 0.2950, 0.2955
Android (android.graphics.Color)	4292334578 (0xFFD7D3F2)
YUV	215.7300, 12.9511, -0.6402
Hunter-Lab	82.1258, 2.6553, -9.9943

Details

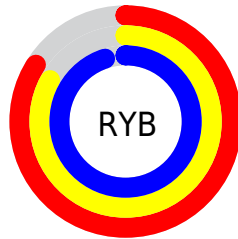
The Hex color **D7D3F2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EEF2D3**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **A09DBA** is the 20% darker color. If you saturate the color by 10%, you get **C2BBF2**, and if you desaturate by 10%, it is **ECEBF2**.

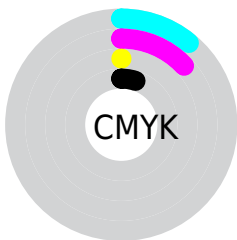
Distribution



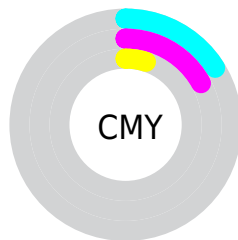
- Red (84%)
- Green (83%)
- Blue (95%)



- Red (84%)
- Yellow (83%)
- Blue (95%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7D3F2 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 D7D3F2 by changing the saturation by 10% instead.

 D7D3F2

 D7D3F2

FFFFFF

 BBB7D6

 A09DBA

 86829F

 6C6985

 54516B

 3C3A53

 26253C

 121026

 000111

 D7D3F2

 D7D3F2

 C2BBF2

 ECEBF2

 ADA3F2

 FFFFF2

 988AF2

 8372F2

 6E5AF2

 5942F2

 432AF2

 2E11F2

 1F00F2

Harmonies

Analogous

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



C3D8F5



D7D3F2



E9CEE8

Triad

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



D7D3F2



F2D0BD



B4DFD4

Complementary

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



D7D3F2



EEF2D3

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.



C2DDC5



D7D3F2



E5D5B8

Square

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



D7D3F2



F7CCC9



D4DABA



AEDFE3

Rectangle

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



D7D3F2



F2CCDE



D4DABA



B8DFCE

Sweetspot

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



D7D3F2



F6F5FF



D3EEF2



7A7980



000000



808080

Same Dimension

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



D7D3F2



DED9FF



E6D3F2



6D6C78



1800B8



070038

Inverse Universe

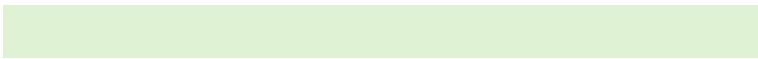
The Inverse Universe completely reimagines the original color for something new.



F2D3EE



FFD9FA



DFF2D3



786C76



B800A0



380031

Previews

White Background



This preview shows how the Hex color D7D3F2 looks on a white background.

Color Contrast Check

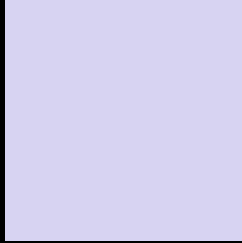
Large Text (above 18pt) WCAG AA × Fail

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 D7D3F2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

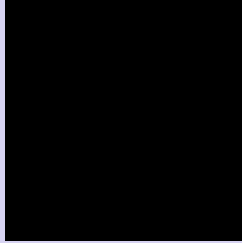
Any Text WCAG AA ✓ Pass

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 D7D3F2 Background



This preview shows how black text looks on a background with the Hex color D7D3F2.



This preview shows how white text looks on a background with the Hex color D7D3F2.

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



Original Color
D7D3F2

Protanopia
D1D5F3

Deuteranopia
DED1F2



Tritanopia
D5D5E6

Trichromacy



Original Color
D7D3F2

Protanomaly
D3D4F3

Deuteranomaly
DBD2F2

Tritanomaly
D6D4EA

Monochromacy



Original Color
D7D3F2

Achromatopsia
D8D8D8

Achromatomaly
D8D6E1

CSS Examples

Text

The CSS property to change the color of the text to Hex D7D3F2 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 #D7D3F2 looks like.

```
.text, #text, p{  
    color:#D7D3F2  
}
```

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 #D7D3F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7D3F2
}
```

Border

The CSS property to change the border of an element to Hex D7D3F2 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
#D7D3F2 }
```

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

```
.border{ border-color:#D7D3F2 }
```

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

Here you see how a box with a 4 pixel #D7D3F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7D3F2; -webkit-box-shadow:4px 4px  
4px 4px #D7D3F2; box-shadow:4px 4px 4px  
4px #D7D3F2 }
```

Background

The CSS property to change the background color of an element to Hex D7D3F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7D3F2 }
```

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

```
.background{ background-color:#D7D3F2 }
```

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