

Converting Colors

Hex(DCD9F7)

Have a look what the booklet for
Hex(DCD9F7) contains.

Hex(DCD9F7)	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(DCD9F7)

Conversions

Conversions Part 1

Format	Color
Hex	DCD9F7
RGB	220, 217, 247
RGB Percent	86%, 85%, 97%
CMY	0.1373, 0.1490, 0.0314
CMYK	0.11, 0.12, 0.00, 0.03
HSL	246°, 65%, 91%
HSV	246°, 12%, 97%
XYZ	71.1166, 71.5568, 98.0593
YIQ	221.3170, -7.8420, 9.9660

Conversions

Conversions Part 2

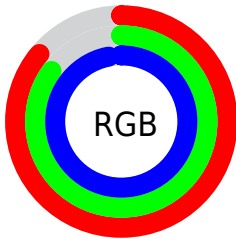
Format	Color
R _Y B	220, 217, 247
Decimal	14473719
CIE Lab	87.75, 6.70, -14.25
CIE LCh	88, 15.750, 295.186
Yxy	71.5568, 0.2954, 0.2972
Android (android.graphics.Color)	4292663799 (0xFFDCD9F7)
YUV	221.3170, 12.6617, -1.1550
Hunter-Lab	84.5912, 2.0318, -9.5159

Details

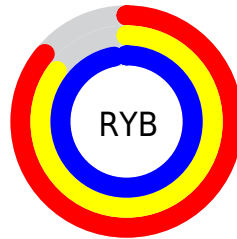
The Hex color **DCD9F7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F4F7D9**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **A5A2BF** is the 20% darker color. If you saturate the color by 10%, you get **C6C0F7**, and if you desaturate by 10%, it is **F2F2F7**.

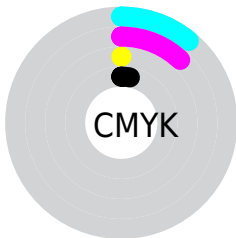
Distribution



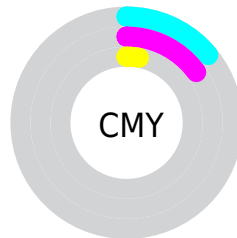
- Red (86%)
- Green (85%)
- Blue (97%)



- Red (86%)
- Yellow (85%)
- Blue (97%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCD9F7 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 DCD9F7 by changing the saturation by 10% instead.

■ DCD9F7

FFFFFF

■ DCD9F7

■ C0BDDA

■ A5A2BF

■ 8A88A4

■ 716F89

■ 585670

■ 413F57

■ 2A2940

■ 15152A

■ 000115

 DCD9F7

 DCD9F7

 C6C0F7

 F2F2F7

 B0A8F7

 FFFFF7

 998FF7

 8376F7

 6D5EF7

 5745F7

 402CF7

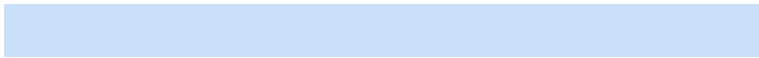
 2A13F7

 1900F7

Harmonies

Analogous

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



C9DEF9



DCD9F7



EDD5ED

Triad

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



DCD9F7



F7D5C4



BCE5D9

Complementary

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



DCD9F7



F4F7D9

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.



C9E3CB



DCD9F7



EBDABE

Square

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



DCD9F7



FCD2D0



DADFC1



B6E5E8

Rectangle

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



DCD9F7



F6D3E4



DADFC1



BFE4D4

Sweetspot

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



DCD9F7



F6F5FF



D9F4F7



7A7980



000000



808080

Same Dimension

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



DCD9F7



DDD9FF



EBD9F7



6F6E7A



1300BA



06003B

Inverse Universe

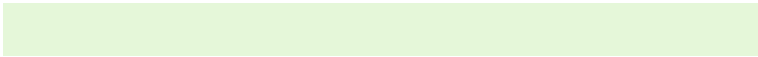
The Inverse Universe completely reimagines the original color for something new.



F7D9F4



FFD9FB



E5F7D9



7A6E79



BA00A8



3B0035

Previews

White Background



This preview shows how the Hex color DCD9F7 looks on a white background.

Color Contrast Check

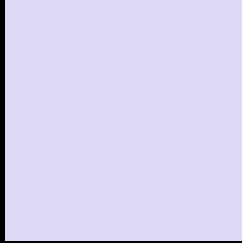
Large Text (above 18pt) WCAG AA × Fail

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 DCD9F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

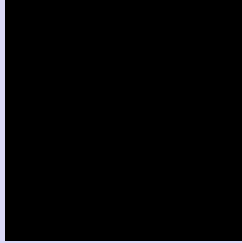
Any Text WCAG AA ✓ Pass

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 DCD9F7 Background



This preview shows how black text looks on a background with the Hex color DCD9F7.



This preview shows how white text looks on a background with the Hex color DCD9F7.

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
DCD9F7

Protanopia
D8DAF8

Deuteranopia
E4D6F8

Trichromacy



Original Color
DCD9F7

Protanomaly
D9DAF8

Deuteranomaly
E1D7F8

Tritanomaly
DBDAF0

Monochromacy



Original Color
DCD9F7

Achromatopsia
DDDDDD

Achromatomaly
DDCE6

CSS Examples

Text

The CSS property to change the color of the text to Hex DCD9F7 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 #DCD9F7 looks like.

```
.text, #text, p{  
    color:#DCD9F7  
}
```

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 #DCD9F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCD9F7
}
```

Border

The CSS property to change the border of an element to Hex DCD9F7 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
#DCD9F7 }
```

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

```
.border{ border-color:#DCD9F7 }
```

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

Here you see how a box with a 4 pixel #DCD9F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCD9F7; -webkit-box-shadow:4px 4px  
4px 4px #DCD9F7; box-shadow:4px 4px 4px  
4px #DCD9F7 }
```

Background

The CSS property to change the background color of an element to Hex DCD9F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCD9F7 }
```

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

```
.background{ background-color:#DCD9F7 }
```

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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