

Converting Colors

Hex(DBCEF7)

Have a look what the booklet for
Hex(DBCEF7) contains.

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Color

Hex(DBCEF7)

Conversions

Conversions Part 1

Format	Color
Hex	DBCEF7
RGB	219, 206, 247
RGB Percent	86%, 81%, 97%
CMY	0.1412, 0.1922, 0.0314
CMYK	0.11, 0.17, 0.00, 0.03
HSL	259°, 72%, 89%
HSV	259°, 17%, 97%
XYZ	68.0732, 65.9181, 97.1313
YIQ	214.5610, -5.4130, 15.5070

Conversions

Conversions Part 2

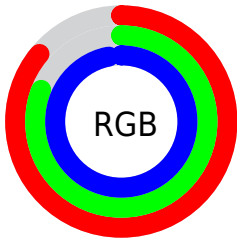
Format	Color
R _{YB}	219, 206, 247
Decimal	14405367
CIE _{Lab}	84.95, 12.20, -18.47
CIE _{LCh}	85, 22.137, 303.453
Yxy	65.9181, 0.2945, 0.2852
Android (android.graphics.Color)	4292595447 (0xFFDBCEF7)
YUV	214.5610, 15.9924, 3.8930
Hunter-Lab	81.1900, 7.5798, -14.0984

Details

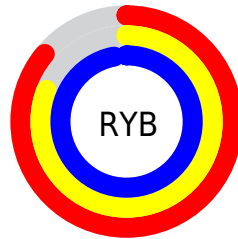
The Hex color **DBCEF7** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EAF7CE**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFFF**, and **A498BF** is the 20% darker color. If you saturate the color by 10%, you get **CAB5F7**, and if you desaturate by 10%, it is **ECE7F7**.

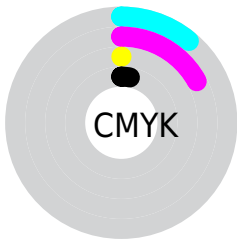
Distribution



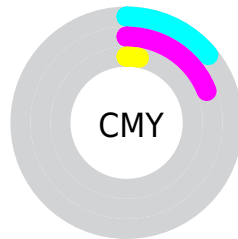
- Red (86%)
- Green (81%)
- Blue (97%)



- Red (86%)
- Yellow (81%)
- Blue (97%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (14%)
- Magenta (19%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color DBCEF7 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 DBCEF7 by changing the saturation by 10% instead.

 DBCEF7

FFFFFF

 DBCEF7

 BFB2DA

 A498BF

 897EA3

 706589

 574D70

 3F3657

 292140

 140B2A

 000114

 DBCEF7

 DBCEF7

 CAB5F7

 ECE7F7

 B99DF7

 FDF7F7

 A884F7

 F7F7F7

 986BF7

 8752F7

 763AF7

 6521F7

 5408F7

 4E00F7

Harmonies

Analogous

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



BFD5FD



DBCEF7



F2C8E7

Triad

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



DBCEF7



F5CDAF



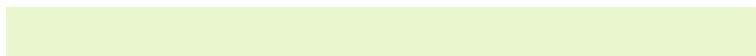
A1E0D6

Complementary

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



DBCEF7



EAF7CE

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.



B3DEC1



DBCEF7



E2D3AB

Square

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



DBCEF7



FFC7BE



CBDAB1



9CDFEA

Rectangle

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



DBCEF7



FBC6DA



CBDAB1



A6E0CF

Sweetspot

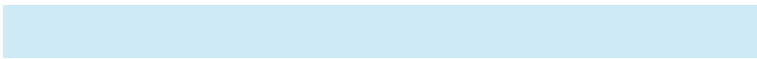
The Sweet Spot groups the original color and five complimentary colors.



DBCEF7



F6F2FF



CEEAF7



7A7880



000000



808080

Same Dimension

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



DBCEF7



DCCCCF



EFCEF7



726E7A



3B00BA



13003B

Inverse Universe

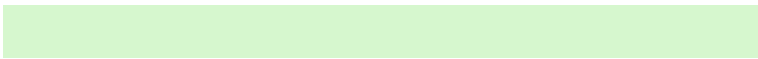
The Inverse Universe completely reimagines the original color for something new.



F7CEEA



FFCCEF



D6F7CE



7A6E77



BA007F



3B0028

Previews

White Background



This preview shows how the Hex color DBCEF7 looks on a white background.

Color Contrast Check

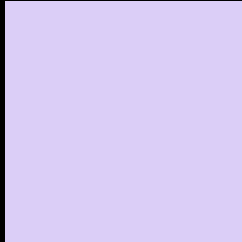
Large Text (above 18pt) WCAG AA × Fail

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 DBCEF7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

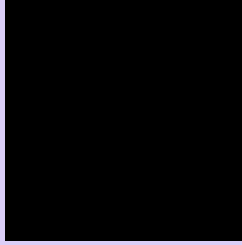
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

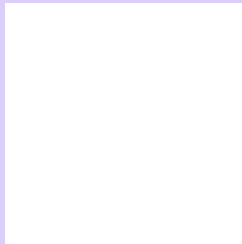
Any Text WCAG AAA ✓ Pass

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

Hex DBCEF7 Background



This preview shows how black text looks on a background with the Hex color DBCEF7.



This preview shows how white text looks on a background with the Hex color DBCEF7.

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](#).

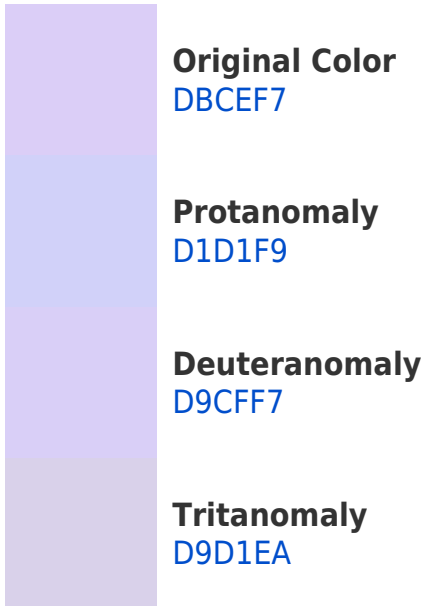
Dichromacy





Tritanopia
D8D2E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DBCEF7 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 #DBCEF7 looks like.

```
.text, #text, p{  
    color:#DBCEF7  
}
```

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 #DBCEF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DBCEF7
}
```

Border

The CSS property to change the border of an element to Hex DBCEF7 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
#DBCEF7 }
```

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

```
.border{ border-color:#DBCEF7 }
```

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

Here you see how a box with a 4 pixel #DBCEF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DBCEF7; -webkit-box-shadow:4px 4px  
4px 4px #DBCEF7; box-shadow:4px 4px 4px  
4px #DBCEF7 }
```

Background

The CSS property to change the background color of an element to Hex DBCEF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DBCEF7 }
```

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

```
.background{ background-color:#DBCEF7 }
```

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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