

Converting Colors

Hex(DBCAFE)

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

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Color

Hex(DBCAFE)

Conversions

Conversions Part 1

Format	Color
Hex	DBC AFE
RGB	219, 202, 254
RGB Percent	86%, 79%, 100%
CMY	0.1412, 0.2078, 0.0039
CMYK	0.14, 0.20, 0.00, 0.00
HSL	260°, 96%, 89%
HSV	260°, 20%, 100%
XYZ	68.2233, 64.4569, 102.6116
YIQ	213.0110, -6.5600, 19.7760

Conversions

Conversions Part 2

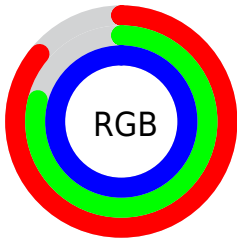
Format	Color
R _Y B	219, 202, 254
Decimal	14404350
CIE Lab	84.20, 15.77, -23.32
CIE LCh	84, 28.152, 304.069
Yxy	64.4569, 0.2900, 0.2739
Android (android.graphics.Color)	4292594430 (0xFFDBC4FE)
YUV	213.0110, 20.2076, 5.2524
Hunter-Lab	80.2850, 11.1840, -19.5785

Details

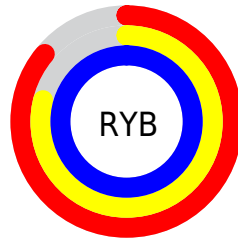
The Hex color **DBCAFE** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EDFECA**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFFF**, and **A494C5** is the 20% darker color. If you saturate the color by 10%, you get **CAB1FE**, and if you desaturate by 10%, it is **ECE3FE**.

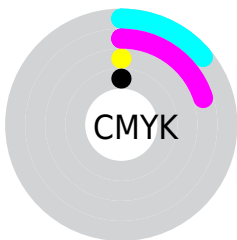
Distribution



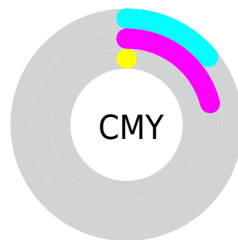
- Red (86%)
- Green (79%)
- Blue (100%)



- Red (86%)
- Yellow (79%)
- Blue (100%)



- Cyan (14%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 DBCAFE

FFFFFF

 DBCAFE

 BFAFE1

 A494C5

 897AAA

 6F618F

 564976

 3E335D

 271D45

 13062E

 000119

 DBCAFE

 DBCAFE

 CAB1FE

 ECE3FE

 B997FE

 FDFDFE

 A87EFE

 FFFFFE

 9764FE

 864BFE

 7432FE

 6318FE

 5300FE

Harmonies

Analogous

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



B7D3FF



DBC4FE



F7C2EA

Triad

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



DBC4FE



F9C9A3



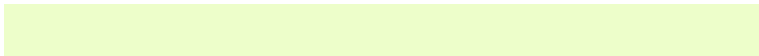
8EE1D5

Complementary

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



DBCAFE



EDFECA

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.



A7DFBA



DBC4FE



E2D19D

Square

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



DBCAFE



FFC1B6



C5D9A6



85E0EF

Rectangle

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



DBCAFE



FFBFD8



C5D9A6



95E1CC

Sweetspot

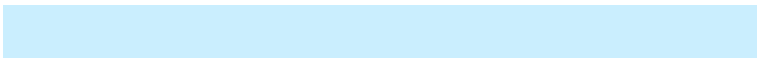
The Sweet Spot groups the original color and five complimentary colors.



DBCAFE



F5F0FF



CAEEFE



797780



000000



808080

Same Dimension

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



DBCAFE



D4BFFF



F4CAFE



777380



3F00BF



150040

Inverse Universe

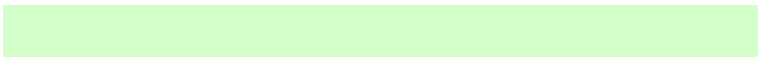
The Inverse Universe completely reimagines the original color for something new.



FECAED



FFBFEA



D4FECA



80737B



BF0081



40002B

Previews

White Background



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

Color Contrast Check

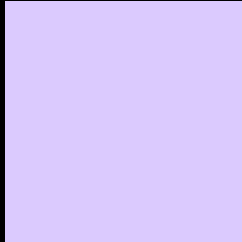
Large Text (above 18pt) WCAG AA × Fail

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 `DBCAFE` looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

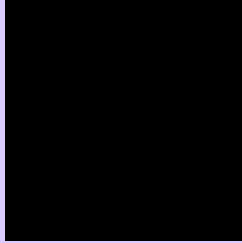
Any Text WCAG AA ✓ Pass

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 DBCAFE Background



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

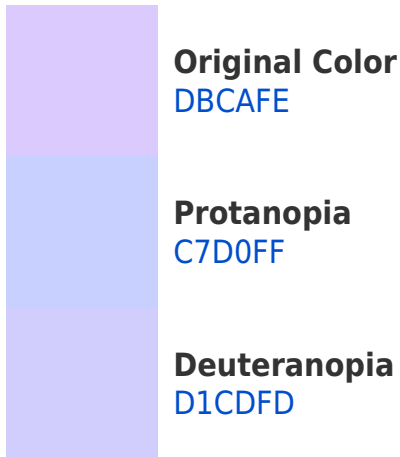


This preview shows how white text looks on a background with the Hex color DBCAFE.

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
D6CFE0

Trichromacy



Original Color
DBCAFE

Protanomaly
CECEFF

Deuteranomaly
D5CCFD

Tritanomaly
D8CDEB

Monochromacy



Original Color
DBCAFE

Achromatopsia
D5D5D5

Achromatomaly
D7D1E4

CSS Examples

Text

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

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

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 #DBCAFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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