

Converting Colors

Hex(DCAFE7)

Have a look what the booklet for
Hex(DCAFE7) contains.

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Color

Hex(DCAFE7)

Conversions

Conversions Part 1

Format	Color
Hex	DCAFE7
RGB	220, 175, 231
RGB Percent	86%, 69%, 91%
CMY	0.1373, 0.3137, 0.0941
CMYK	0.05, 0.24, 0.00, 0.09
HSL	288°, 54%, 80%
HSV	288°, 24%, 91%
XYZ	59.2690, 51.6451, 82.4460
YIQ	194.8390, 8.8440, 26.9560

Conversions

Conversions Part 2

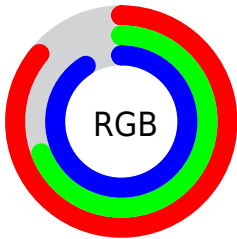
Format	Color
R _Y B	220, 175, 231
Decimal	14462951
CIE _{Lab}	77.07, 26.01, -21.83
CIE _{LCh}	77, 33.959, 319.998
Yxy	51.6451, 0.3065, 0.2671
Android (android.graphics.Color)	4292653031 (0xFFDCAFE7)
YUV	194.8390, 17.8274, 22.0662
Hunter-Lab	71.8645, 21.4517, -17.7148

Details

The Hex color **DCAFE7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BAE7AF**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFE7FF**, and **A47AAF** is the 20% darker color. If you saturate the color by 10%, you get **D798E7**, and if you desaturate by 10%, it is **E1C6E7**.

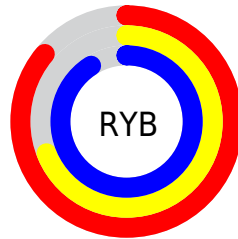
Distribution



Red (86%)

Green (69%)

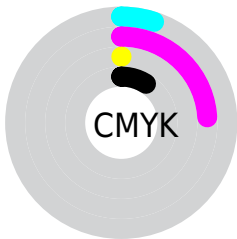
Blue (91%)



Red (86%)

Yellow (69%)

Blue (91%)

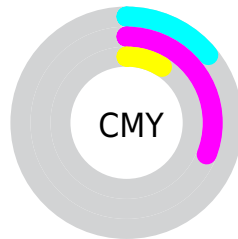


Cyan (5%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (14%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCAFE7 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 DCAFE7 by changing the saturation by 10% instead.

 DCAFE7

 DCAFE7

FFFFFF

 C094CB

 FFE7FF

 A47AAF

 8A6195

 70497B

 573162

 3F1B4A

 270533

 0F001E

 000000

 DCAFE7

 DCAFE7

 D798E7

 E1C6E7

 D381E7

 E5DDE7

 CE6AE7

 EAF4E7

 CA53E7

 EEFEE7

 C53BE7

 F3FEE7

 C124E7

 F7FEE7

 BC0DE7

 FCFEE7

 BA00E7

 FFFEE7

Harmonies

Analogous

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



B4BAF9



DCAFE7



F5A8CA

Triad

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



DCAFE7



DEB981



59CFD3

Complementary

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



DCAFE7



BAE7AF

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.



76CFB2



DCAFE7



BFC383

Square

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



DCAFE7



F4AE8F



9BCB95



5ECCED

Rectangle

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



DCAFE7



FDA7B5



9BCB95



61D0C8

Sweetspot

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



DCAFE7



FBEDFF



AFBAE7



7D7580



000000



808080

Same Dimension

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



DCAFE7



F0B5FF



E7AFD6



706773



8F00B3



290033

Inverse Universe

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



E7AFBA



FFB5C4



AFE7C0



73676A



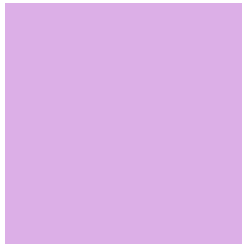
B30023



33000A

Previews

White Background



This preview shows how the Hex color DCAFE7 looks on a white background.

Color Contrast Check

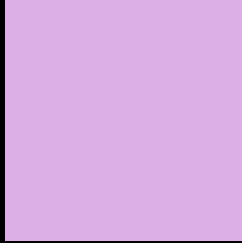
Large Text (above 18pt) WCAG AA × Fail

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 DCAFE7 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 DCAFE7 Background



This preview shows how black text looks on a background with the Hex color DCAFE7.

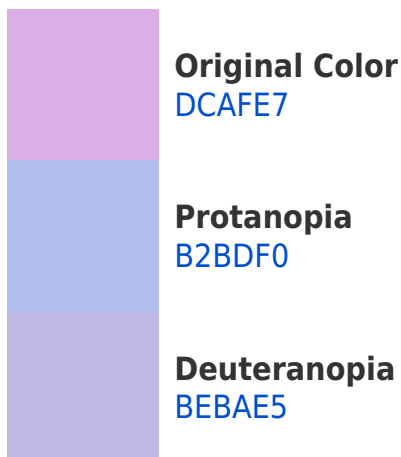


This preview shows how white text looks on a background with the Hex color DCAFE7.

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
D7B5C4

Trichromacy



Original Color
DCAFE7

Protanomaly
C1B8ED

Deuteranomaly
C9B6E6

Tritanomaly
D9B3D1

Monochromacy



Original Color
DCAFE7

Achromatopsia
C3C3C3

Achromatomaly
CCBCD0

CSS Examples

Text

The CSS property to change the color of the text to Hex DCAFE7 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 #DCAFE7 looks like.

```
.text, #text, p{  
    color:#DCAFE7  
}
```

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 #DCAFE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCAFE7
}
```

Border

The CSS property to change the border of an element to Hex DCAFE7 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
#DCAFE7 }
```

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

```
.border{ border-color:#DCAFE7 }
```

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

Here you see how a box with a 4 pixel #DCAFE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCAFE7; -webkit-box-shadow:4px 4px  
4px 4px #DCAFE7; box-shadow:4px 4px 4px  
4px #DCAFE7 }
```

Background

The CSS property to change the background color of an element to Hex DCAFE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCAFE7 }
```

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

```
.background{ background-color:#DCAFE7 }
```

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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