

Converting Colors

Hex(DCAFE2)

Have a look what the booklet for
Hex(DCAFE2) contains.

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Color

Hex(DCAFE2)

Conversions

Conversions Part 1

Format	Color
Hex	DCAFE2
RGB	220, 175, 226
RGB Percent	86%, 69%, 89%
CMY	0.1373, 0.3137, 0.1137
CMYK	0.03, 0.23, 0.00, 0.11
HSL	293°, 47%, 79%
HSV	293°, 23%, 89%
XYZ	58.5726, 51.3666, 78.7791
YIQ	194.2690, 10.4490, 25.4010

Conversions

Conversions Part 2

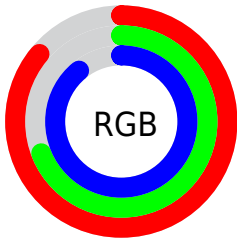
Format	Color
R _Y B	220, 175, 226
Decimal	14462946
CIE Lab	76.90, 25.06, -19.37
CIE LCh	77, 31.673, 322.287
Yxy	51.3666, 0.3104, 0.2722
Android (android.graphics.Color)	4292653026 (0xFFDCAFE2)
YUV	194.2690, 15.6434, 22.5661
Hunter-Lab	71.6705, 20.4556, -15.0014

Details

The Hex color **DCAFE2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B5E2AF**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFE7FF**, and **A47AAB** is the 20% darker color. If you saturate the color by 10%, you get **D998E2**, and if you desaturate by 10%, it is **DFC6E2**.

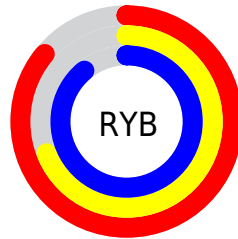
Distribution



Red (86%)

Green (69%)

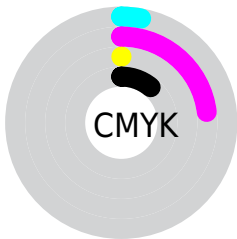
Blue (89%)



Red (86%)

Yellow (69%)

Blue (89%)

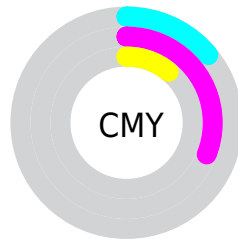


Cyan (3%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (14%)

Magenta (31%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCAFE2 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 DCAFE2 by changing the saturation by 10% instead.

 DCAFE2

FFFFFF

 FFE7FF

 DCAFE2

 C094C6

 A47AAB

 8A6190

 704976

 57315D

 3F1B46

 28052F

 0E001A

 000000

 DCAFE2

 DCAFE2

 D998E2

 DFC6E2

 D782E2

 E1DCE2

 D46BE2

 E4F3E2

 D155E2

 E7FFE2

 CF3EE2

 E9FFE2

 CC27E2

 ECFE2

 C911E2

 EFFE2

 C700E2

 F1FFE2

 F4FFE2

Harmonies

Analogous

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



B8B9F4



DCAFE2



F3A9C7

Triad

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



DCAFE2



DAB984



63CED3

Complementary

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



DCAFE2



B5E2AF

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.



79CEB5



DCAFE2



BCC387

Square

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



DCAFE2



EFB091



9ACA99



69CAEB

Rectangle

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



DCAFE2



F9A8B3



9ACA99



68CEC9

Sweetspot

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



DCAFE2



FDEDFD



AFB6E2



7E7580



000000



808080

Same Dimension

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



DCAFE2



F7BAFF



E2AFCF



6F6570



9B00B0



2B0030

Inverse Universe

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



E2AFB5



FFBAC2



AFE2C2



706566



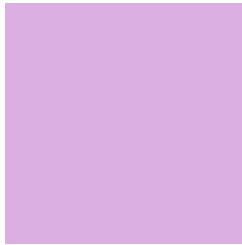
B00015



300006

Previews

White Background



This preview shows how the Hex color DCAFE2 looks on a white background.

Color Contrast Check

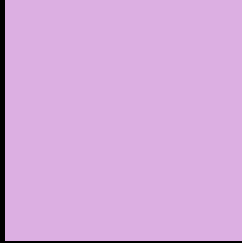
Large Text (above 18pt) WCAG AA × Fail

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 DCAFE2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

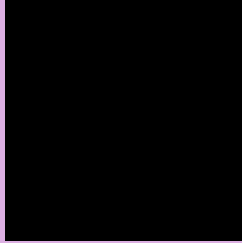
Any Text WCAG AA ✓ Pass

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 DCAFE2 Background



This preview shows how black text looks on a background with the Hex color DCAFE2.

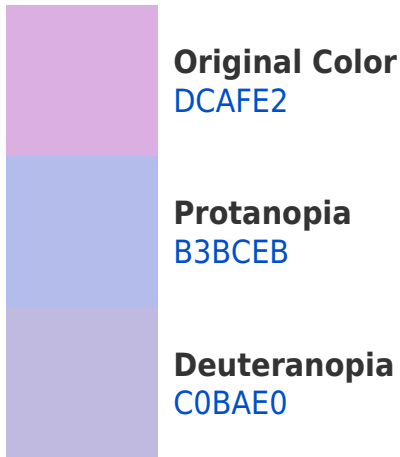


This preview shows how white text looks on a background with the Hex color DCAFE2.

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
D7B5C3

Trichromacy



Original Color
DCAFE2



Protanomaly
C2B7E8



Deuteranomaly
CAB6E1

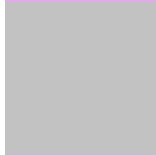


Tritanomaly
D9B3CE

Monochromacy



Original Color
DCAFE2



Achromatopsia
C2C2C2



Achromatomaly
CBBBCE

CSS Examples

Text

The CSS property to change the color of the text to Hex DCAFE2 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 #DCAFE2 looks like.

```
.text, #text, p{  
    color:#DCAFE2  
}
```

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 #DCAFE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCAFE2  
}
```

Border

The CSS property to change the border of an element to Hex DCAFE2 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  
#DCAFE2 }
```

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

```
.border{ border-color:#DCAFE2 }
```

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

Here you see how a box with a 4 pixel #DCAFE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCAFE2; -webkit-box-shadow:4px 4px  
4px 4px #DCAFE2; box-shadow:4px 4px 4px  
4px #DCAFE2 }
```

Background

The CSS property to change the background color of an element to Hex DCAFE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCAFE2 }
```

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

```
.background{ background-color:#DCAFE2 }
```

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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