

Converting Colors

Hex(DCACF3)

Have a look what the booklet for
Hex(DCACF3) contains.

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Color

Hex(DCACF3)

Conversions

Conversions Part 1

Format	Color
Hex	DCACF3
RGB	220, 172, 243
RGB Percent	86%, 67%, 95%
CMY	0.1373, 0.3255, 0.0471
CMYK	0.09, 0.29, 0.00, 0.05
HSL	281°, 75%, 81%
HSV	281°, 29%, 95%
XYZ	60.4454, 51.1918, 91.4892
YIQ	194.4460, 5.8170, 32.2570

Conversions

Conversions Part 2

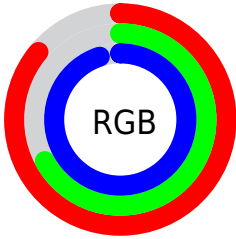
Format	Color
R_{YB}	220, 172, 243
Decimal	14462195
CIE _{Lab}	76.80, 30.00, -28.74
CIE _{LCh}	77, 41.540, 316.232
Yxy	51.1918, 0.2976, 0.2520
Android (android.graphics.Color)	4292652275 (0xFFDCACF3)
YUV	194.4460, 23.9371, 22.4109
Hunter-Lab	71.5484, 25.5903, -25.7304

Details

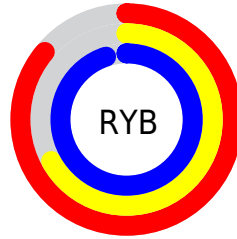
The Hex color **DCACF3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C3F3AC**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFE4FF**, and **A477BB** is the 20% darker color. If you saturate the color by 10%, you get **D494F3**, and if you desaturate by 10%, it is **E4C4F3**.

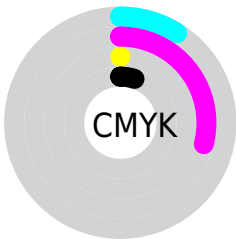
Distribution



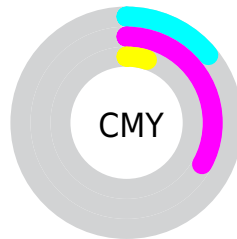
- Red (86%)
- Green (67%)
- Blue (95%)



- Red (86%)
- Yellow (67%)
- Blue (95%)



- Cyan (9%)
- Magenta (29%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (33%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCACF3 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 DCACF3 by changing the saturation by 10% instead.

 DCACF3

FFFFFF

 FFE4FF

 DCACF3

 C091D6

 A477BB

 895E9F

 6F4685

 562E6C

 3D1753

 26013C

 0D0026

 00010E

 DCACF3

 DCACF3

 D494F3

 E4C4F3

 CC7BF3

 ECDDF3

 C463F3

 F4F5F3

 BD4BF3

 FBFFF3

 B533F3

 FFFFF3

 AD1AF3

 A502F3

 A400F3

Harmonies

Analogous

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



A8BAFF



DCACF3



FDA2D1

Triad

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



DCACF3



E6B573



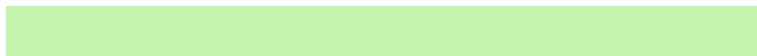
27D2D2

Complementary

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



DCACF3



C3F3AC

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.



65D1AA



DCACF3



C2C272

Square

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



DCACF3



FFA888



97CB87



17CFF4

Rectangle

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



DCACF3



FF9FB7



97CB87



3ED2C5

Sweetspot

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



DCACF3



F8E8FF



ACC4F3



7B7180



000000



808080

Same Dimension

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



DCACF3



E2A6FF



F3ACE7



766E7A



7E00BA



28003B

Inverse Universe

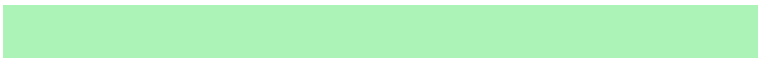
The Inverse Universe completely reimagines the original color for something new.



F3ACC3



FFA6C3



ACF3B8



7A6E72



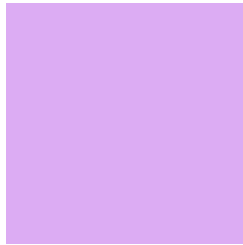
BA003C



3B0013

Previews

White Background



This preview shows how the Hex color DCACF3 looks on a white background.

Color Contrast Check

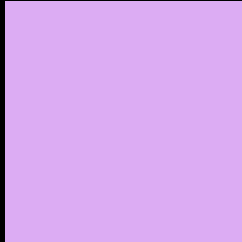
Large Text (above 18pt) WCAG AA × Fail

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 DCACF3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

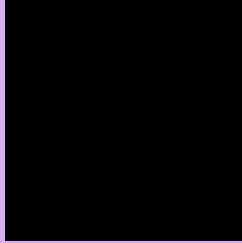
Any Text WCAG AA ✓ Pass

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 DCACF3 Background



This preview shows how black text looks on a background with the Hex color DCACF3.

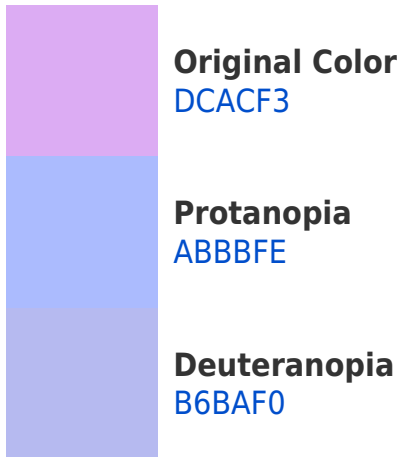


This preview shows how white text looks on a background with the Hex color DCACF3.

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
D5B5C3

Trichromacy



Original Color
DCACF3



Protanomaly
BDB6FA



Deuteranomaly
C4B5F1



Tritanomaly
D8B2D4

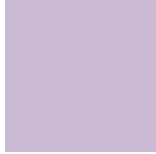
Monochromacy



Original Color
DCACF3



Achromatopsia
C2C2C2



Achromatomaly
CBBAD4

CSS Examples

Text

The CSS property to change the color of the text to Hex DCACF3 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 #DCACF3 looks like.

```
.text, #text, p{  
    color:#DCACF3  
}
```

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 #DCACF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCACF3
}
```

Border

The CSS property to change the border of an element to Hex DCACF3 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
#DCACF3 }
```

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

```
.border{ border-color:#DCACF3 }
```

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

Here you see how a box with a 4 pixel #DCACF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCACF3; -webkit-box-shadow:4px 4px  
4px 4px #DCACF3; box-shadow:4px 4px 4px  
4px #DCACF3 }
```

Background

The CSS property to change the background color of an element to Hex DCACF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCACF3 }
```

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

```
.background{ background-color:#DCACF3 }
```

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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