

Converting Colors

Hex(DCA3F7)

Have a look what the booklet for
Hex(DCA3F7) contains.

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Color

Hex(DCA3F7)

Conversions

Conversions Part 1

Format	Color
Hex	DCA3F7
RGB	220, 163, 247
RGB Percent	86%, 64%, 97%
CMY	0.1373, 0.3608, 0.0314
CMYK	0.11, 0.34, 0.00, 0.03
HSL	281°, 84%, 80%
HSV	281°, 34%, 97%
XYZ	59.4009, 48.1254, 94.1541
YIQ	189.6190, 7.0080, 38.2080

Conversions

Conversions Part 2

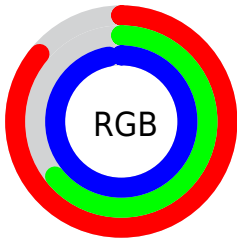
Format	Color
R _Y B	220, 163, 247
Decimal	14459895
CIE Lab	74.90, 35.66, -33.81
CIE LCh	75, 49.139, 316.524
Yxy	48.1254, 0.2945, 0.2386
Android (android.graphics.Color)	4292649975 (0xFFDCA3F7)
YUV	189.6190, 28.2888, 26.6441
Hunter-Lab	69.3725, 31.4405, -31.9091

Details

The Hex color **DCA3F7** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **BEF7A3**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFDBFF**, and **A46EBE** is the 20% darker color. If you saturate the color by 10%, you get **D48AF7**, and if you desaturate by 10%, it is **E4BCF7**.

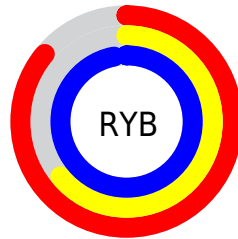
Distribution



Red (86%)

Green (64%)

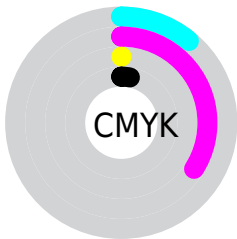
Blue (97%)



Red (86%)

Yellow (64%)

Blue (97%)

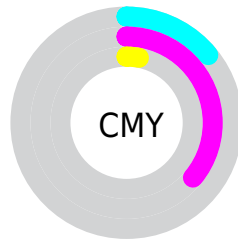


Cyan (11%)

Magenta (34%)

Yellow (0%)

Black (3%)



Cyan (14%)

Magenta (36%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCA3F7 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 DCA3F7 by changing the saturation by 10% instead.

 DCA3F7

 DCA3F7

FFFFFF

 C088DA

 FFDBFF

 A46EBE

 FFF7FF

 8955A3

 6E3D89

 55256F

 3C0C56

 24003E

 030028

 000111

 DCA3F7

 DCA3F7

 D48AF7

 E4BCF7

 CC72F7

 ECD4F7

 C459F7

 F4EDF7

 BC40F7

 FCFFF7

 B428F7

 FFFFF7

 AC0FF7

 A800F7

Harmonies

Analogous

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



9CB4FF



DCA3F7



FF96CF

Triad

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



DCA3F7



E6AF5F



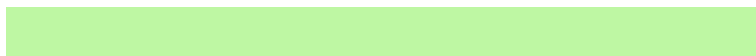
00D0D1

Complementary

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



DCA3F7



BEF7A3

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.



43CEA2



DCA3F7



BCBE5F

Square

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



DCA3F7



FF9F79



88C878



00CCF9

Rectangle

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



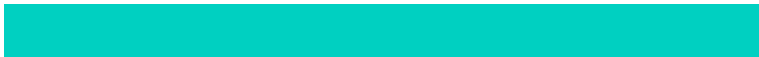
DCA3F7



FF93B0



88C878



00D0C1

Sweetspot

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



DCA3F7



F7E6FF



A3BFF7



7B7080



000000



808080

Same Dimension

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



DCA3F7



DD96FF



F7A3E9



766E7A



7E00BA



28003B

Inverse Universe

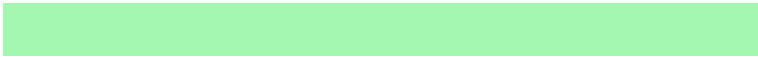
The Inverse Universe completely reimagines the original color for something new.



F7A3BE



FF96B8



A3F7B1



7A6E72



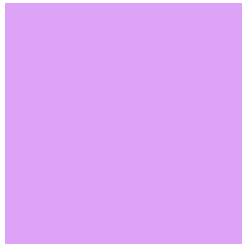
BA003C



3B0013

Previews

White Background



This preview shows how the Hex color DCA3F7 looks on a white background.

Color Contrast Check

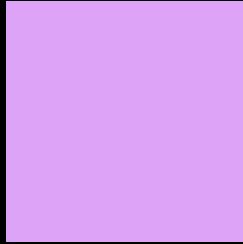
Large Text (above 18pt) WCAG AA × Fail

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 DCA3F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

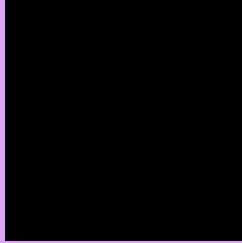
Any Text WCAG AA ✓ Pass

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 DCA3F7 Background



This preview shows how black text looks on a background with the Hex color DCA3F7.

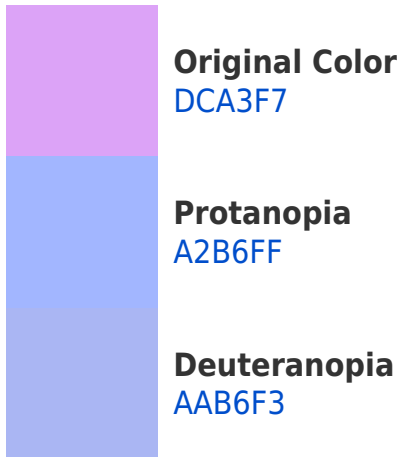


This preview shows how white text looks on a background with the Hex color DCA3F7.

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
D3AFBC

Trichromacy



Original Color
DCA3F7



Protanomaly
B7AFFC



Deuteranomaly
BCAFF4



Tritanomaly
D6ABD1

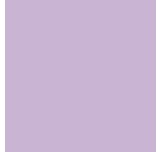
Monochromacy



Original Color
DCA3F7



Achromatopsia
BEBEBE



Achromatomaly
C9B4D3

CSS Examples

Text

The CSS property to change the color of the text to Hex DCA3F7 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 #DCA3F7 looks like.

```
.text, #text, p{  
    color:#DCA3F7  
}
```

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 #DCA3F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCA3F7
}
```

Border

The CSS property to change the border of an element to Hex DCA3F7 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
#DCA3F7 }
```

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

```
.border{ border-color:#DCA3F7 }
```

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

Here you see how a box with a 4 pixel #DCA3F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCA3F7; -webkit-box-shadow:4px 4px  
4px 4px #DCA3F7; box-shadow:4px 4px 4px  
4px #DCA3F7 }
```

Background

The CSS property to change the background color of an element to Hex DCA3F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCA3F7 }
```

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

```
.background{ background-color:#DCA3F7 }
```

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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