

Converting Colors

Hex(DCA9F6)

Have a look what the booklet for
Hex(DCA9F6) contains.

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Color

Hex(DCA9F6)

Conversions

Conversions Part 1

Format	Color
Hex	DCA9F6
RGB	220, 169, 246
RGB Percent	86%, 66%, 96%
CMY	0.1373, 0.3373, 0.0353
CMYK	0.11, 0.31, 0.00, 0.04
HSL	280°, 81%, 81%
HSV	280°, 31%, 96%
XYZ	60.3377, 50.2454, 93.7070
YIQ	193.0270, 5.6790, 34.7590

Conversions

Conversions Part 2

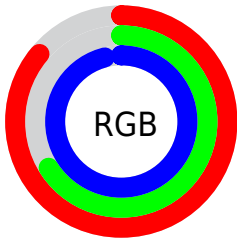
Format	Color
R _Y B	220, 169, 246
Decimal	14461430
CIE Lab	76.22, 32.22, -31.24
CIE LCh	76, 44.880, 315.887
Yxy	50.2454, 0.2954, 0.2460
Android (android.graphics.Color)	4292651510 (0xFFDCA9F6)
YUV	193.0270, 26.1157, 23.6553
Hunter-Lab	70.8840, 27.8954, -28.7612

Details

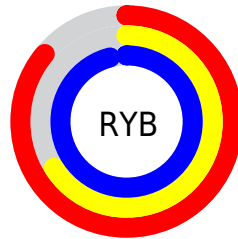
The Hex color **DCA9F6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **C3F6A9**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFE1FF**, and **A474BD** is the 20% darker color. If you saturate the color by 10%, you get **D490F6**, and if you desaturate by 10%, it is **E4C2F6**.

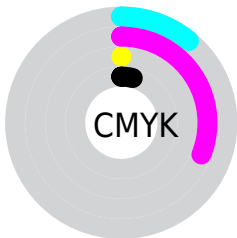
Distribution



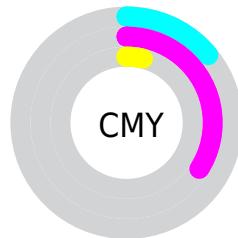
- Red (86%)
- Green (66%)
- Blue (96%)



- Red (86%)
- Yellow (66%)
- Blue (96%)



- Cyan (11%)
- Magenta (31%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (34%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color DCA9F6 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 DCA9F6 by changing the saturation by 10% instead.

 DCA9F6

 DCA9F6

FFFFFF

 C08ED9

 FFE1FF

 A474BD

FFFEFF

 895BA2

 6F4388

 552B6E

 3D1455

 25003E

 0A0028

 000111

 DCA9F6

 DCA9F6

 D490F6

 E4C2F6

 CB78F6

 EDDAF6

 C35FF6

 F5F3F6

 BB47F6

 FDFFF6

 B22EF6

 FFFFF6

 AA15F6

 A300F6

Harmonies

Analogous

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



A2B8FF



DCA9F6



FF9DD1

Triad

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



DCA9F6



E7B36B



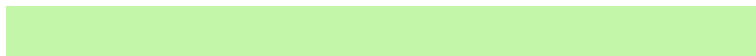
00D2D1

Complementary

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



DCA9F6



C3F6A9

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.



59D0A6



DCA9F6



C1C06A

Square

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



DCA9F6



FFA482



92CB81



00CEF6

Rectangle

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



DCA9F6



FF9BB5



92CB81



1ED2C3

Sweetspot

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



DCA9F6



F7E8FF



A9C4F6



7B7180



000000



808080

Same Dimension

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



DCA9F6



DE9EFF



F6A9EA



766E7A



7B00BA



27003B

Inverse Universe

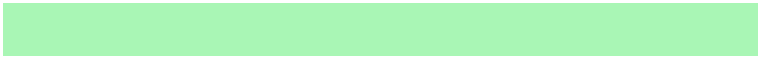
The Inverse Universe completely reimagines the original color for something new.



F6A9C3



FF9EBF



A9F6B5



7A6E72



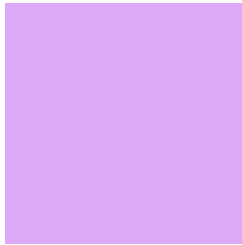
BA003F



3B0014

Previews

White Background



This preview shows how the Hex color DCA9F6 looks on a white background.

Color Contrast Check

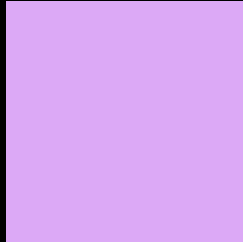
Large Text (above 18pt) WCAG AA × Fail

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 DCA9F6 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 DCA9F6 Background



This preview shows how black text looks on a background with the Hex color DCA9F6.

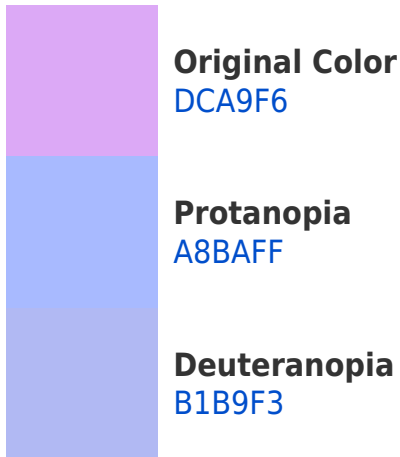


This preview shows how white text looks on a background with the Hex color DCA9F6.

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
D4B3C1

Trichromacy



Original Color
DCA9F6



Protanomaly
BBB4FC



Deuteranomaly
C1B3F4



Tritanomaly
D7AFD4

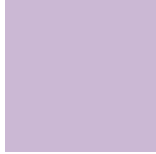
Monochromacy



Original Color
DCA9F6



Achromatopsia
C1C1C1



Achromatomaly
CBB8D4

CSS Examples

Text

The CSS property to change the color of the text to Hex DCA9F6 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 #DCA9F6 looks like.

```
.text, #text, p{  
    color:#DCA9F6  
}
```

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 #DCA9F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DCA9F6  
}
```

Border

The CSS property to change the border of an element to Hex DCA9F6 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  
#DCA9F6 }
```

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

```
.border{ border-color:#DCA9F6 }
```

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

Here you see how a box with a 4 pixel #DCA9F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DCA9F6; -webkit-box-shadow:4px 4px  
4px 4px #DCA9F6; box-shadow:4px 4px 4px  
4px #DCA9F6 }
```

Background

The CSS property to change the background color of an element to Hex DCA9F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DCA9F6 }
```

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

```
.background{ background-color:#DCA9F6 }
```

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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