

# Converting Colors

Hex(DE8FC4)

Have a look what the booklet for  
Hex(DE8FC4) contains.

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# Color

**Hex(DE8FC4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE8FC4
RGB	222, 143, 196
RGB Percent	87%, 56%, 77%
CMY	0.1294, 0.4392, 0.2314
CMYK	0.00, 0.36, 0.12, 0.13
HSL	320°, 54%, 72%
HSV	320°, 36%, 87%
XYZ	49.9105, 39.1600, 57.1526
YIQ	172.6630, 30.0710, 33.2310

# Conversions

## Conversions Part 2

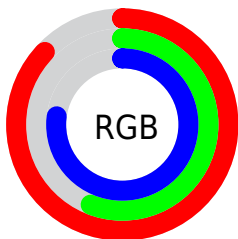
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 143, 196
Decimal	14585796
CIE Lab	68.87, 37.58, -15.01
CIE LCh	69, 40.467, 338.227
Yxy	39.1600, 0.3413, 0.2678
Android (android.graphics.Color)	4292775876 (0xFFDE8FC4)
YUV	172.6630, 11.5051, 43.2685
Hunter-Lab	62.5780, 32.8552, -10.3451

# Details

The Hex color **DE8FC4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8FDEA9**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFC6FD**, and **A65B8E** is the 20% darker color. If you saturate the color by 10%, you get **DE79BD**, and if you desaturate by 10%, it is **DEA5CB**.

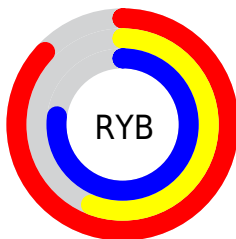
# Distribution



Red (87%)

Green (56%)

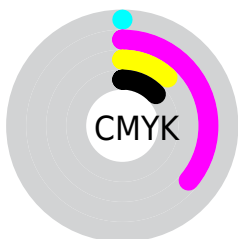
Blue (77%)



Red (87%)

Yellow (56%)

Blue (77%)

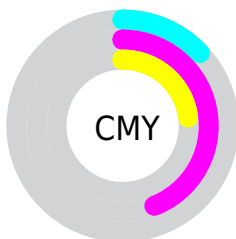


Cyan (0%)

Magenta (36%)

Yellow (12%)

Black (13%)



Cyan (13%)

Magenta (44%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE8FC4 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 DE8FC4 by changing the saturation by 10% instead.



 DE8FC4

 DE8FC4

FFFFFF

 C175A9

 FFC6FD

 A65B8E

 FFE2FF

 8A4275

 70295C

 560E44

 3D002E

 28001A

 000000

 DE8FC4

 DE8FC4

 DE79BD

 DEA5CB

 DE63B5

 DEBBD3

 DE4CAE

 DED2DA

 DE36A7

 DEE8E1

 DE209F

 DEFEE9

 DE0A98

 DEFFF0

 DE0095

 DEFFF7

 DEFFFE

 DEFFFF

# Harmonies

## Analogous

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



B99BE2



DE8FC4



EE8B9F

# Triad

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



DE8FC4



B6A95E



00BAD4

# Complementary

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



DE8FC4



8FDEA9

# 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.



1BBBB1



DE8FC4



8EB36D

# Square

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



DE8FC4



D69D64



5FB98C



38B3EB

# Rectangle

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



DE8FC4



EE8E87



5FB98C



00BBC9



# Sweetspot

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



DE8FC4



FFE3F6



A88FDE



806F7A



000000



808080



# Same Dimension

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



DE8FC4



FF91DB



DE8F9D



70656D



B00076



300021



# Inverse Universe

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



DE8FC4



FF91DB



8FDED0



70656D



B00076

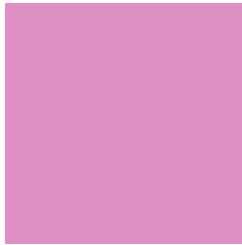


300021



# Previews

## White Background



This preview shows how the Hex color DE8FC4 looks on a white background.

## Color Contrast Check

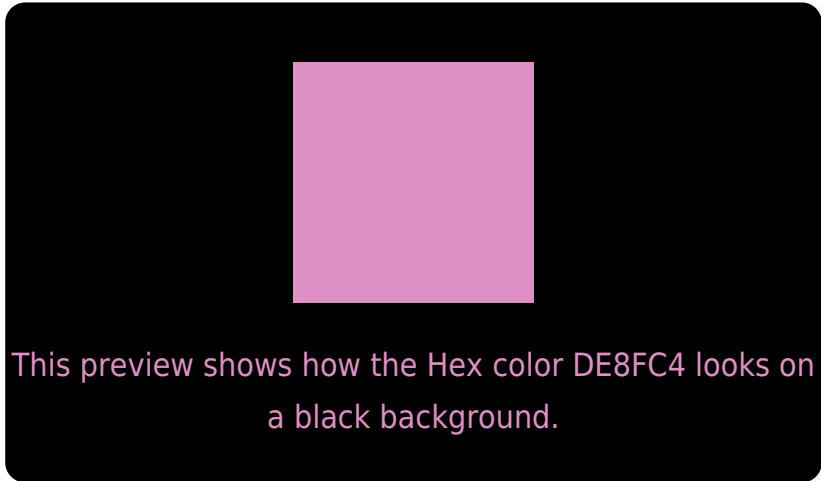
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 DE8FC4 Background



This preview shows how black text looks on a background with the Hex color DE8FC4.

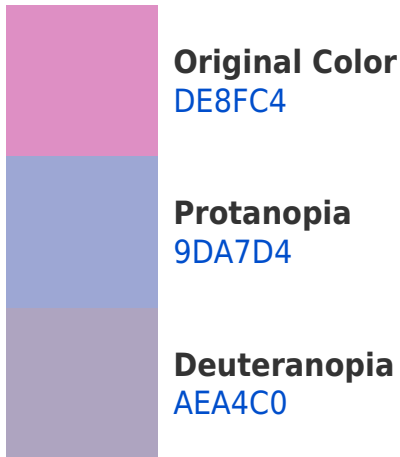



This preview shows how white text looks on a background with the Hex color DE8FC4.

# 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](#).

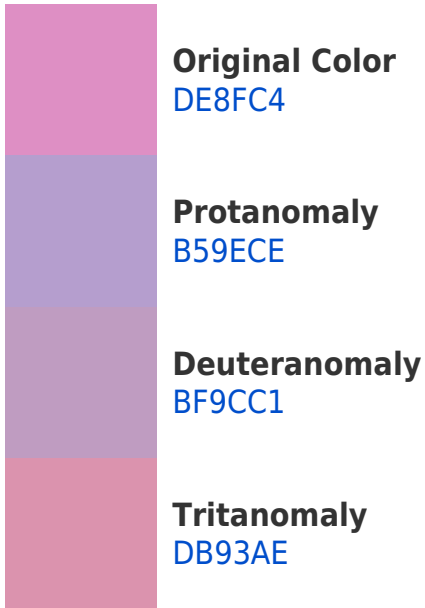
## Dichromacy



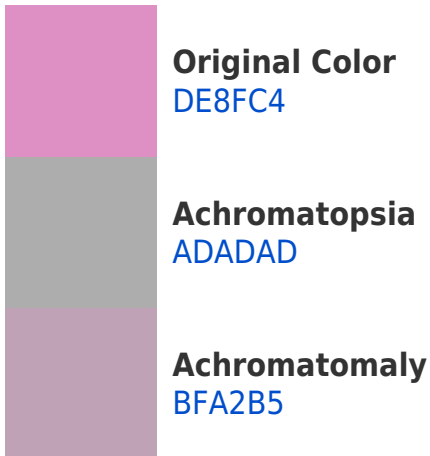


**Tritanopia**  
DA96A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE8FC4 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 #DE8FC4 looks like.

```
.text, #text, p{  
    color:#DE8FC4  
}
```

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 #DE8FC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE8FC4
}
```

## Border

The CSS property to change the border of an element to Hex DE8FC4 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
#DE8FC4 }
```

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

```
.border{ border-color:#DE8FC4 }
```

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

Here you see how a box with a 4 pixel #DE8FC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE8FC4; -webkit-box-shadow:4px 4px  
4px 4px #DE8FC4; box-shadow:4px 4px 4px  
4px #DE8FC4 }
```

# Background

The CSS property to change the background color of an element to Hex DE8FC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE8FC4 }
```

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

```
.background{ background-color:#DE8FC4 }
```

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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