

# Converting Colors

Hex(DE6FAC)

Have a look what the booklet for  
Hex(DE6FAC) contains.

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# **Color**

**Hex(DE6FAC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE6FAC
RGB	222, 111, 172
RGB Percent	87%, 44%, 67%
CMY	0.1294, 0.5647, 0.3255
CMYK	0.00, 0.50, 0.23, 0.13
HSL	327°, 63%, 65%
HSV	327°, 50%, 87%
XYZ	43.2550, 29.8770, 42.5168
YIQ	151.1430, 46.5750, 42.5030

# Conversions

## Conversions Part 2

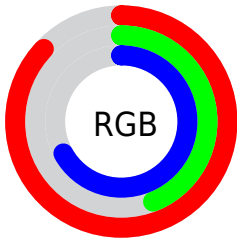
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 111, 172
Decimal	14577580
CIE Lab	61.55, 50.34, -12.48
CIE LCh	62, 51.860, 346.076
Yxy	29.8770, 0.3740, 0.2583
Android (android.graphics.Color)	4292767660 (0xFFDE6FAC)
YUV	151.1430, 10.2825, 62.1416
Hunter-Lab	54.6599, 45.6010, -7.8564

# Details

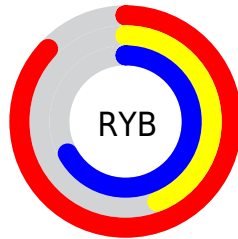
The Hex color **DE6FAC** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6FDEA1**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFA6E3**, and **A43978** is the 20% darker color. If you saturate the color by 10%, you get **DE59A2**, and if you desaturate by 10%, it is **DE85B6**.

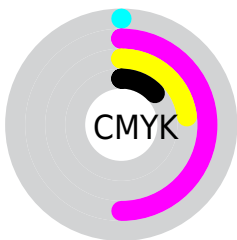
# Distribution



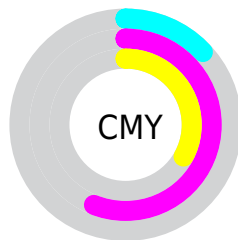
- Red (87%)
- Green (44%)
- Blue (67%)



- Red (87%)
- Yellow (44%)
- Blue (67%)



- Cyan (0%)
- Magenta (50%)
- Yellow (23%)
- Black (13%)



- Cyan (13%)
- Magenta (56%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE6FAC 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 DE6FAC by changing the saturation by 10% instead.



 DE6FAC

 DE6FAC

FFFFFF

 C15491

 FFA6E3

 A43978

 FFC2FF

 881C5F

 FFDFFF

 6D0047

 FFFCFF

 520031

 39001C

 1B0001

 000000

 DE6FAC

 DE6FAC

 DE59A2

 DE85B6

 DE4398

 DE9BC0

 DE2C8E

 DEB2CA

 DE1684

 DEC8D4

 DE007A

 DEDEDE

 DEF4E8

 DEFFF2

 DEFFFC

 DEFFFF

# Harmonies

## Analogous

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



B77ED5



DE6FAC



EA6D7E

# Triad

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



DE6FAC



979A37



00A8D6

# Complementary

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



DE6FAC



6FDEA1

# 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.



00ABAD



DE6FAC



62A452

# Square

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



DE6FAC



C08B38



00AA7D



00A0ED

# Rectangle

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



DE6FAC



E47461



00AA7D



00AAC9



# Sweetspot

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



DE6FAC



FFD9EE



A16FDE



806975



000000



808080



# Same Dimension

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



DE6FAC



FF66BA



DE6F75



70656B



B00061



30001B



# Inverse Universe

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



DE6FAC



FF66BA



6FDED8



70656B



B00061



30001B



# Previews

## White Background



This preview shows how the Hex color DE6FAC looks on a white background.

## Color Contrast Check

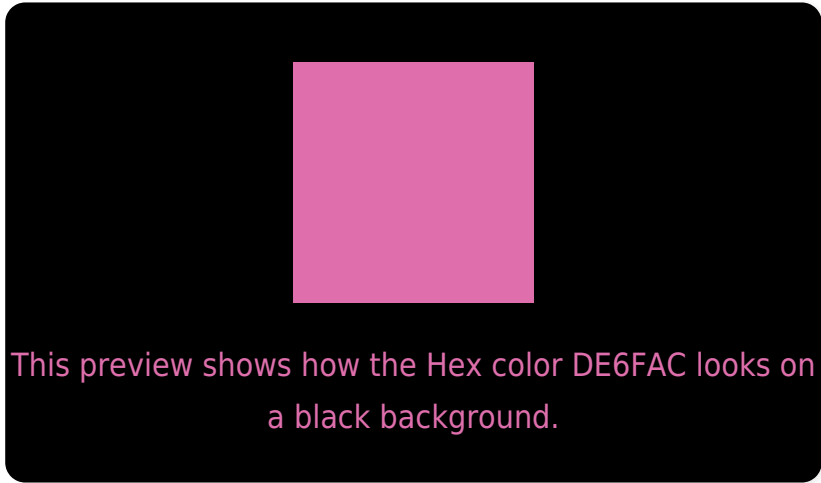
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DE6FAC Background



This preview shows how black text looks on a background with the Hex color DE6FAC.

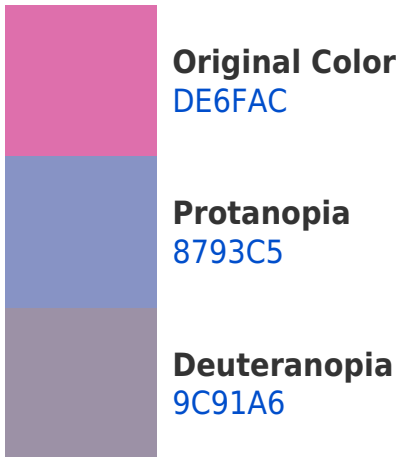



This preview shows how white text looks on a background with the Hex color DE6FAC.

# 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**  
DA7881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE6FAC 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 #DE6FAC looks like.

```
.text, #text, p{  
    color:#DE6FAC  
}
```

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 #DE6FAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE6FAC }  
}
```

## Border

The CSS property to change the border of an element to Hex DE6FAC 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 #DE6FAC }  
}
```

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

```
.border{ border-color:#DE6FAC }
```

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

Here you see how a box with a 4 pixel #DE6FAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE6FAC; -webkit-box-shadow:4px 4px  
4px 4px #DE6FAC; box-shadow:4px 4px 4px  
4px #DE6FAC }
```

# Background

The CSS property to change the background color of an element to Hex DE6FAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE6FAC }
```

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

```
.background{ background-color:#DE6FAC }
```

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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