

# Converting Colors

Hex(DE3FB1)

Have a look what the booklet for  
Hex(DE3FB1) contains.

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# Color

**Hex(DE3FB1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE3FB1
RGB	222, 63, 177
RGB Percent	87%, 25%, 69%
CMY	0.1294, 0.7529, 0.3059
CMYK	0.00, 0.72, 0.20, 0.13
HSL	317°, 71%, 56%
HSV	317°, 72%, 87%
XYZ	39.8375, 22.2589, 43.7917
YIQ	123.5370, 58.1700, 69.1620

# Conversions

## Conversions Part 2

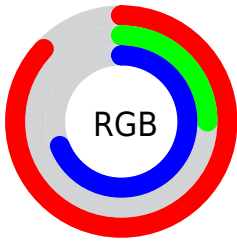
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 63, 177
Decimal	14565297
CIE Lab	54.30, 71.17, -26.42
CIE LCh	54, 75.913, 339.632
Yxy	22.2589, 0.3762, 0.2102
Android (android.graphics.Color)	4292755377 (0xFFDE3FB1)
YUV	123.5370, 26.3573, 86.3521
Hunter-Lab	47.1794, 68.1587, -22.0072

# Details

The Hex color **DE3FB1** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **3FDE6C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF7CE9**, and **A3007C** is the 20% darker color. If you saturate the color by 10%, you get **DE29AB**, and if you desaturate by 10%, it is **DE55B7**.

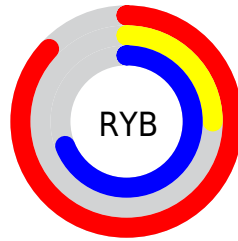
# Distribution



Red (87%)

Green (25%)

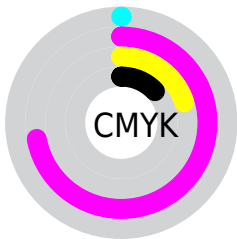
Blue (69%)



Red (87%)

Yellow (25%)

Blue (69%)

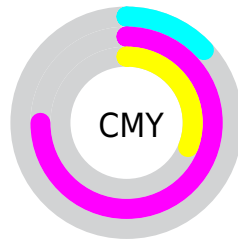


Cyan (0%)

Magenta (72%)

Yellow (20%)

Black (13%)



Cyan (13%)

Magenta (75%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE3FB1 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 DE3FB1 by changing the saturation by 10% instead.



 DE3FB1

 DE3FB1

FFFFFF

 C01796

 FF7CE9

 A3007C

 FF99FF

 860063

 FFB6FF

 69004B

 FFD3FF

 4E0034

 FFF1FF

 32001E

 090000

 000000

 DE3FB1

 DE3FB1

 DE29AB

 DE55B7

 DE13A4

 DE6BBE

 DE009F

 DE82C4

 DE98CA

 DEAED0

 DEC4D7

 DEDADD

 DEF1E3

 DEFFEA

# Harmonies

## Analogous

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



9C65E8



DE3FB1



F42E70

# Triad

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



DE3FB1



8A8600



009DD5

# Complementary

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



DE3FB1



3FDE6C

# 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.



009E96



DE3FB1



3E9400

# Square

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



DE3FB1



C16E00



009C51



0095FE

# Rectangle

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



DE3FB1



EE4045



009C51



009EC1



# Sweetspot

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



DE3FB1



FFC9F0



693FDE



806076



000000



808080



# Same Dimension

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



DE3FB1



FF24C1



DE3F64



70656D



B0007E



300023



# Inverse Universe

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



DE3FB1



FF24C1



3FDEB9



70656D



B0007E



300023



# Previews

## White Background



This preview shows how the Hex color DE3FB1 looks on a white background.

## Color Contrast Check

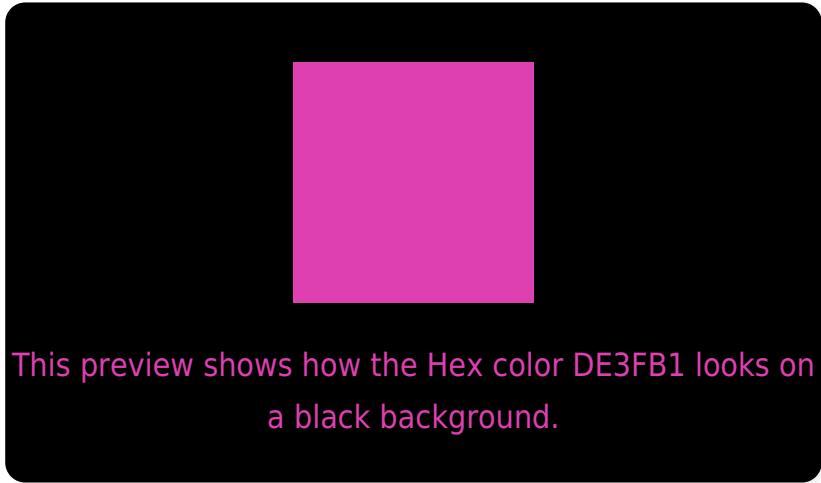
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE3FB1 Background



This preview shows how black text looks on a background with the Hex color DE3FB1.



This preview shows how white text looks on a background with the Hex color DE3FB1.

# 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](#).

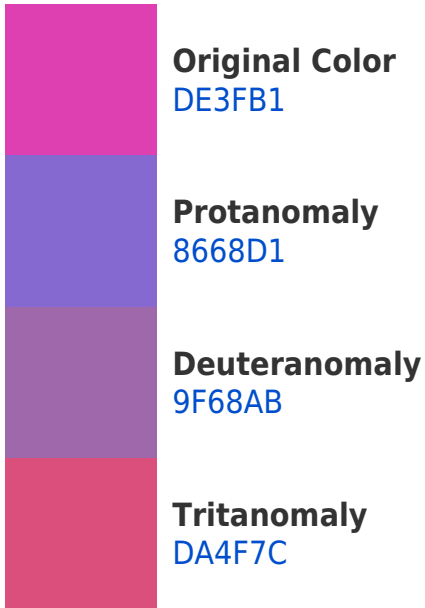
## Dichromacy





**Tritanopia**  
D7585E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE3FB1 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 #DE3FB1 looks like.

```
.text, #text, p{  
    color:#DE3FB1  
}
```

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 #DE3FB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE3FB1
}
```

## Border

The CSS property to change the border of an element to Hex DE3FB1 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
#DE3FB1 }
```

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

```
.border{ border-color:#DE3FB1 }
```

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

Here you see how a box with a 4 pixel #DE3FB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE3FB1; -webkit-box-shadow:4px 4px  
4px 4px #DE3FB1; box-shadow:4px 4px 4px  
4px #DE3FB1 }
```

# Background

The CSS property to change the background color of an element to Hex DE3FB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE3FB1 }
```

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

```
.background{ background-color:#DE3FB1 }
```

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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