

# Converting Colors

Hex(DE63FF)

Have a look what the booklet for  
Hex(DE63FF) contains.

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**Color**

**Hex(DE63FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE63FF
RGB	222, 99, 255
RGB Percent	87%, 39%, 100%
CMY	0.1294, 0.6118, 0.0000
CMYK	0.13, 0.61, 0.00, 0.00
HSL	287°, 100%, 69%
HSV	287°, 61%, 100%
XYZ	52.6360, 31.6733, 97.9471
YIQ	153.5610, 23.2320, 74.5920

# Conversions

## Conversions Part 2

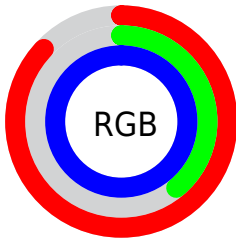
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 99, 255
Decimal	14574591
CIE Lab	63.07, 69.77, -56.74
CIE LCh	63, 89.928, 320.883
Yxy	31.6733, 0.2888, 0.1738
Android (android.graphics.Color)	4292764671 (0xFFDE63FF)
YUV	153.5610, 50.0094, 60.0210
Hunter-Lab	56.2790, 68.4573, -63.7920

# Details

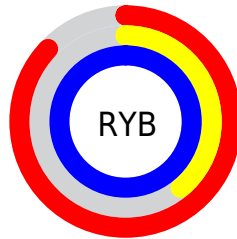
The Hex color **DE63FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **84FF63**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FF9CFF**, and **A325C5** is the 20% darker color. If you saturate the color by 10%, you get **D949FF**, and if you desaturate by 10%, it is **E37CFF**.

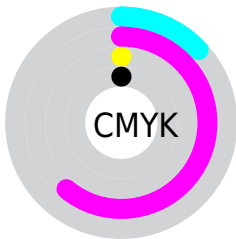
# Distribution



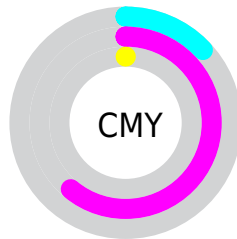
- Red (87%)
- Green (39%)
- Blue (100%)



- Red (87%)
- Yellow (39%)
- Blue (100%)



- Cyan (13%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (61%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE63FF 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 DE63FF by changing the saturation by 10% instead.



 DE63FF

 DE63FF

FFFFFF

 C046E2

 FF9CFF

 A325C5

 FFB9FF

 8700AA

 FFD6FF

 6A008F

 FFF3FF

 4E0074

 32005B

 120042

 00032B

 000115

 DE63FF

 DE63FF

 D949FF

 E37CFF

 D330FF

 E996FF

 CE16FF

 EEB0FF

 C900FF

 F4C9FF

 F9E3FF

 FEFCFF

 FFFFFFFF

# Harmonies

## Analogous

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



488FFF



DE63FF



FF30B5

# Triad

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



DE63FF



CD8D00



00BBD0

# Complementary

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



DE63FF



84FF63

# 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.



00B97D



DE63FF



83A500

# Square

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



DE63FF



FF660E



00B322



00B7FF

# Rectangle

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



DE63FF



FF287F



00B322



00BBB5



# Sweetspot

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



DE63FF



F5D1FF



6385FF



7A6380



000000



808080



# Same Dimension

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



DE63FF



D845FF



FF63D3



7D7380



9700BF



320040



# Inverse Universe

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



FF6384



FF456C



63FF8F



807375



BF0028



40000D



# Previews

## White Background



This preview shows how the Hex color DE63FF 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

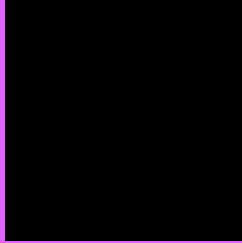
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DE63FF Background



This preview shows how black text looks on a background with the Hex color DE63FF.



This preview shows how white text looks on a background with the Hex color DE63FF.

# 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





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE63FF 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 #DE63FF looks like.

```
.text, #text, p{  
    color:#DE63FF  
}
```

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 #DE63FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE63FF
}
```

## Border

The CSS property to change the border of an element to Hex DE63FF 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
#DE63FF }
```

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

```
.border{ border-color:#DE63FF }
```

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

Here you see how a box with a 4 pixel #DE63FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE63FF; -webkit-box-shadow:4px 4px  
4px 4px #DE63FF; box-shadow:4px 4px 4px  
4px #DE63FF }
```

# Background

The CSS property to change the background color of an element to Hex DE63FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE63FF }
```

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

```
.background{ background-color:#DE63FF }
```

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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