

Converting Colors

Hex(DE75F7)

Have a look what the booklet for
Hex(DE75F7) contains.

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Color

Hex(**DE75F7**)

Conversions

Conversions Part 1

Format	Color
Hex	DE75F7
RGB	222, 117, 247
RGB Percent	87%, 46%, 97%
CMY	0.1294, 0.5412, 0.0314
CMYK	0.10, 0.53, 0.00, 0.03
HSL	288°, 89%, 71%
HSV	288°, 53%, 97%
XYZ	53.2740, 34.9676, 91.9373
YIQ	163.2150, 20.8500, 62.6900

Conversions

Conversions Part 2

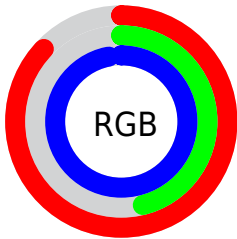
Format	Color
R _Y B	222, 117, 247
Decimal	14579191
CIE Lab	65.72, 60.00, -48.13
CIE LCh	66, 76.916, 321.261
Yxy	34.9676, 0.2957, 0.1941
Android (android.graphics.Color)	4292769271 (0xFFDE75F7)
YUV	163.2150, 41.3060, 51.5544
Hunter-Lab	59.1334, 57.3294, -50.7874

Details

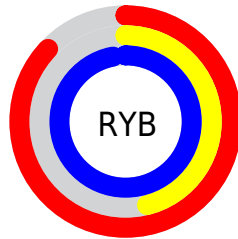
The Hex color **DE75F7** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **8EF775**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFADFF**, and **A43EBE** is the 20% darker color. If you saturate the color by 10%, you get **D95CF7**, and if you desaturate by 10%, it is **E38EF7**.

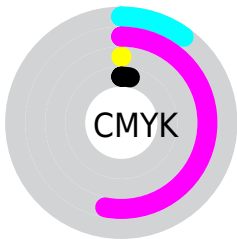
Distribution



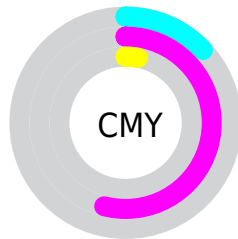
- Red (87%)
- Green (46%)
- Blue (97%)



- Red (87%)
- Yellow (46%)
- Blue (97%)



- Cyan (10%)
- Magenta (53%)
- Yellow (0%)
- Black (3%)



- Cyan (13%)
- Magenta (54%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE75F7 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 DE75F7 by changing the saturation by 10% instead.

 DE75F7

FFFFFF

 FFADFF


 FFC9FF

 FFE6FF

 DE75F7

 C15ADA

 A43EBE

 881FA3

 6C0088

 51006E

 360055

 1C003D

 000226

 00010F

 DE75F7

 DE75F7

 D95CF7

 E38EF7

 D444F7

 E7A6F7

 D02BF7

 ECBFF7

 CB12F7

 F1D8F7

 C700F7

 F6F1F7

 FBFFF7

 FFFFF7

Harmonies

Analogous

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



7196FF



DE75F7



FF58B7

Triad

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



DE75F7



D09500



00BFD0

Complementary

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



DE75F7



8EF775

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.



00BE88



DE75F7



90AB00

Square

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



DE75F7



FF7732



2AB842



00BBFF

Rectangle

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



DE75F7



FF5589



2AB842



00BFB9

Sweetspot

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



DE75F7



F7D6FF



758FF7



7B6780



000000



808080

Same Dimension

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



DE75F7



E05EFF



F775D0



786E7A



9600BA



2F003B

Inverse Universe

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



F7758E



FF5E7D



75F79C



7A6E71



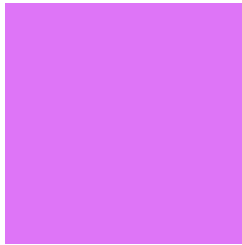
BA0024



3B000B

Previews

White Background



This preview shows how the Hex color DE75F7 looks on a white background.

Color Contrast Check

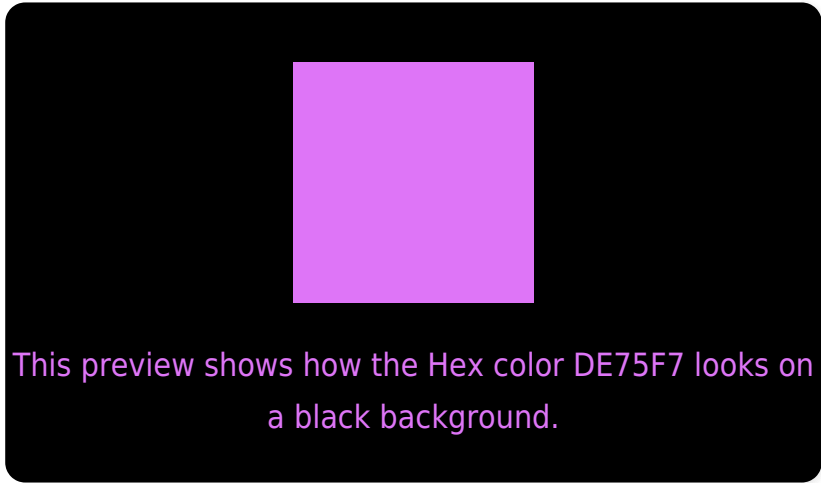
Large Text (above 18pt) WCAG AA × Fail

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

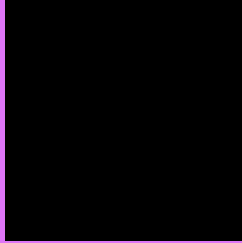
Any Text WCAG AA ✓ Pass

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 DE75F7 Background



This preview shows how black text looks on a background with the Hex color DE75F7.

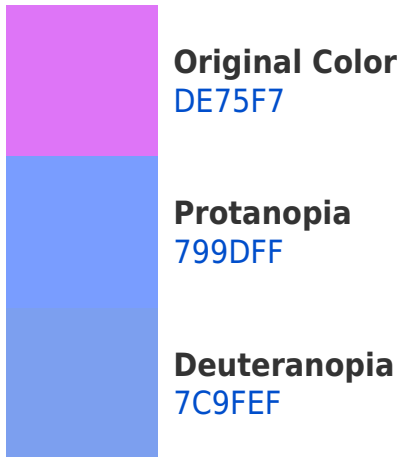



This preview shows how white text looks on a background with the Hex color DE75F7.

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
D18D98

Trichromacy



Original Color
DE75F7



Protanomaly
9E8EFC



Deuteranomaly
A090F2



Tritanomaly
D684BB

Monochromacy



Original Color
DE75F7



Achromatopsia
A3A3A3



Achromatomaly
B892C2

CSS Examples

Text

The CSS property to change the color of the text to Hex DE75F7 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 #DE75F7 looks like.

```
.text, #text, p{  
    color:#DE75F7  
}
```

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 #DE75F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE75F7
}
```

Border

The CSS property to change the border of an element to Hex DE75F7 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
#DE75F7 }
```

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

```
.border{ border-color:#DE75F7 }
```

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

Here you see how a box with a 4 pixel #DE75F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE75F7; -webkit-box-shadow:4px 4px  
4px 4px #DE75F7; box-shadow:4px 4px 4px  
4px #DE75F7 }
```

Background

The CSS property to change the background color of an element to Hex DE75F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE75F7 }
```

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

```
.background{ background-color:#DE75F7 }
```

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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