

Converting Colors

Hex(DE0FFF)

Have a look what the booklet for
Hex(DE0FFF) contains.

Hex(DE0FFF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**DE0FFF**)

Conversions

Conversions Part 1

Format	Color
Hex	DE0FFF
RGB	222, 15, 255
RGB Percent	87%, 6%, 100%
CMY	0.1294, 0.9412, 0.0000
CMYK	0.13, 0.94, 0.00, 0.00
HSL	292°, 100%, 53%
HSV	292°, 94%, 100%
XYZ	48.3450, 23.0912, 96.5167
YIQ	104.2530, 46.3320, 118.5240

Conversions

Conversions Part 2

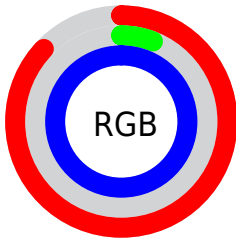
Format	Color
R _Y B	222, 15, 255
Decimal	14553087
CIE Lab	55.17, 92.37, -69.42
CIE LCh	55, 115.552, 323.074
Yxy	23.0912, 0.2878, 0.1375
Android (android.graphics.Color)	4292743167 (0xFFDE0FFF)
YUV	104.2530, 74.3183, 103.2641
Hunter-Lab	48.0533, 95.4901, -85.4486

Details

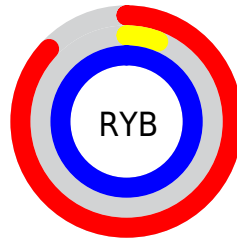
The Hex color **DE0FFF** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **30FF0F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF66FF**, and **A100C5** is the 20% darker color. If you saturate the color by 10%, you get **DC00FF**, and if you desaturate by 10%, it is **E229FF**.

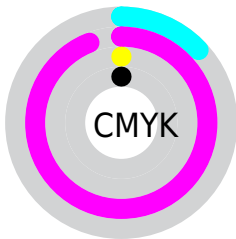
Distribution



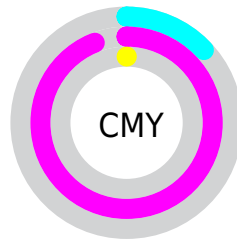
- Red (87%)
- Green (6%)
- Blue (100%)



- Red (87%)
- Yellow (6%)
- Blue (100%)



- Cyan (13%)
- Magenta (94%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (94%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE0FFF 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 DE0FFF by changing the saturation by 10% instead.

 DE0FFF

FFFFFF

 FF66FF

 FF86FF

 FFA5FF

 FFC3FF

 FFE2FF

 DE0FFF

 BF00E2

 A100C5

 8300A9

 65008E

 470073

 28005A

 000041

 00032A

 000114

 #DE0FFF

 #DE0FFF

 #DC00FF

 #E229FF

 #E542FF

 #E95CFF

 #EC75FF

 #F08FFF

 #F3A8FF

 #F7C2FF

 #FADBFF

 #FEF5FF

Harmonies

Analogous

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



0076FF



DE0FFF



FF00A0

Triad

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



DE0FFF



B47900



00AAD1

Complementary

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



DE0FFF



30FF0F

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.



00A769



DE0FFF



539500

Square

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



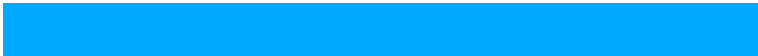
DE0FFF



FA3900



00A200



00A8FF

Rectangle

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



DE0FFF



FF005F



00A200



00A9AF

Sweetspot

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



DE0FFF



F5B8FF



0F33FF



7A5480



000000



808080

Same Dimension

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



DE0FFF



DC00FF



FF0FAB



7E7380



A500BF



370040

Inverse Universe

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



FF0F30



FF0023



0FFF63



807375



BF001A



400009

Previews

White Background



This preview shows how the Hex color DE0FFF looks on a white background.

Color Contrast Check

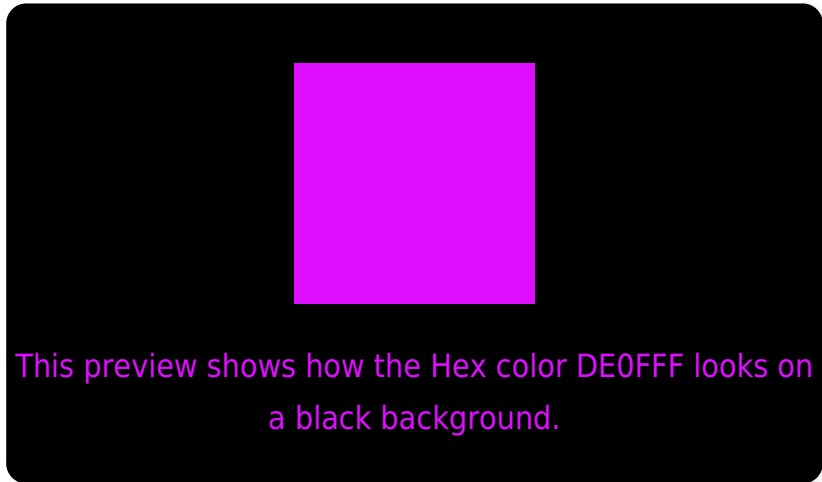
Large Text (above 18pt) WCAG AA ✓ Pass

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 DE0FFF Background



This preview shows how black text looks on a background with the Hex color DE0FFF.

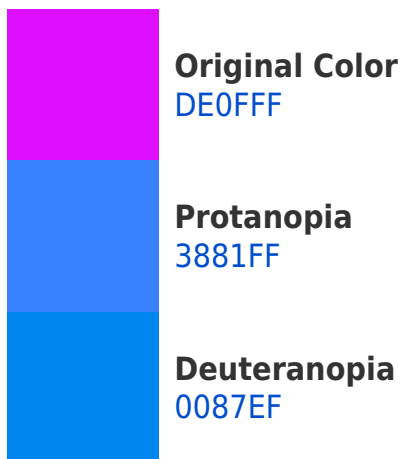



This preview shows how white text looks on a background with the Hex color DE0FFF.

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
CB656C

Trichromacy



Original Color
DE0FFF



Protanomaly
7458FF



Deuteranomaly
515BF5



Tritanomaly
D246A1

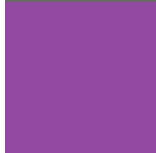
Monochromacy



Original Color
DE0FFF



Achromatopsia
686868



Achromatomaly
93489F

CSS Examples

Text

The CSS property to change the color of the text to Hex DE0FFF 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 #DE0FFF looks like.

```
.text, #text, p{  
    color:#DE0FFF  
}
```

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 #DE0FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE0FFF
}
```

Border

The CSS property to change the border of an element to Hex DE0FFF 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
#DE0FFF }
```

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

```
.border{ border-color:#DE0FFF }
```

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

Here you see how a box with a 4 pixel #DE0FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE0FFF; -webkit-box-shadow:4px 4px  
4px 4px #DE0FFF; box-shadow:4px 4px 4px  
4px #DE0FFF }
```

Background

The CSS property to change the background color of an element to Hex DE0FFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE0FFF }
```

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

```
.background{ background-color:#DE0FFF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor