

Converting Colors

Hex(D00EED)

Have a look what the booklet for
Hex(D00EED) contains.

Hex(D00EED)	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(D00EED)

Conversions

Conversions Part 1

Format	Color
Hex	D00EED
RGB	208, 14, 237
RGB Percent	82%, 5%, 93%
CMY	0.1843, 0.9451, 0.0706
CMYK	0.12, 0.94, 0.00, 0.07
HSL	292°, 89%, 49%
HSV	292°, 94%, 93%
XYZ	41.4555, 19.8384, 81.7650
YIQ	97.4280, 44.0410, 110.4810

Conversions

Conversions Part 2

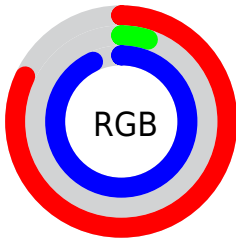
Format	Color
R_{YB}	208, 14, 237
Decimal	13635309
CIE _{Lab}	51.65, 87.57, -65.14
CIE _{LCh}	52, 109.145, 323.355
Yxy	19.8384, 0.2898, 0.1387
Android (android.graphics.Color)	4291825389 (0xFFD00EED)
YUV	97.4280, 68.8090, 96.9716
Hunter-Lab	44.5403, 88.1918, -77.6636

Details

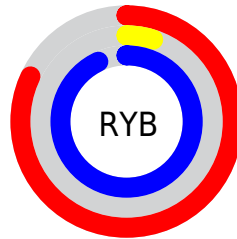
The Hex color **D00EED** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **2BED0E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF63FF**, and **9400B4** is the 20% darker color. If you saturate the color by 10%, you get **CE00ED**, and if you desaturate by 10%, it is **D326ED**.

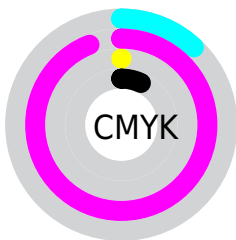
Distribution



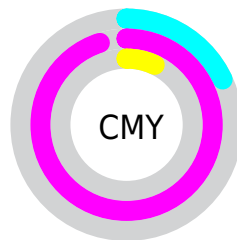
- Red (82%)
- Green (5%)
- Blue (93%)



- Red (82%)
- Yellow (5%)
- Blue (93%)



- Cyan (12%)
- Magenta (94%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (95%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color D00EED 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 D00EED by changing the saturation by 10% instead.

 D00EED

 D00EED

FFFFFF

 B200D0

 FF63FF

 9400B4

 FF82FF

 760098

 FFA0FF

 59007E

 FFBEFF

 3D0064

 FFDDFF

 1A004B

 FFFBFF

 000033

 00021D

 000000

 D00EED

 D00EED

 CE00ED

 D326ED

 D63DED

 D955ED

 DC6DED

 DF85ED

 E29CED

 E6B4ED

 E9CCED

 ECE3ED

Harmonies

Analogous

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



006DFF



D00EED



FF0094

Triad

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



D00EED



A77100



009EC4

Complementary

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



D00EED



2BED0E

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.



009C63



D00EED



4C8B00

Square

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



D00EED



E93700



009700



009CFF

Rectangle

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



D00EED



FF0057



009700



009EA4

Sweetspot

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



D00EED



F6B8FF



0E2CED



7A5480



000000



808080

Same Dimension

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



D00EED



DE00FF



ED0E9B



746A75



9E00B5



2F0036

Inverse Universe

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



ED0E2B



FF0021



0EED60



756A6B



B50018



360007

Previews

White Background



This preview shows how the Hex color D00EED looks on a white background.

Color Contrast Check

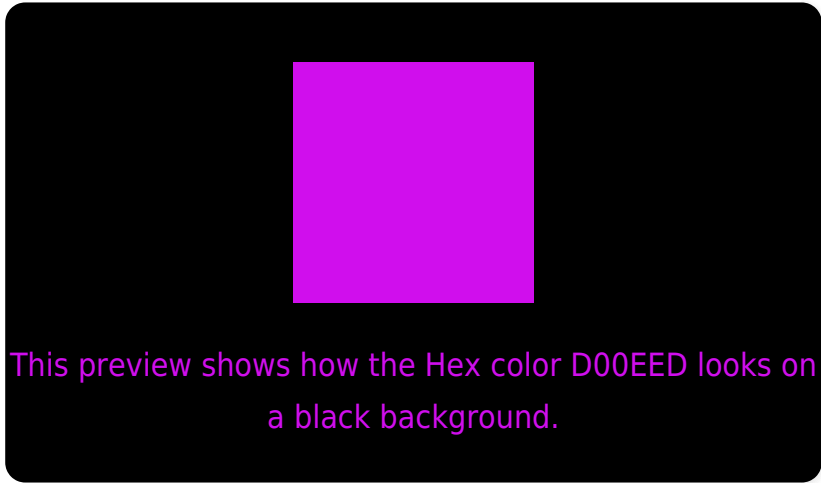
Large Text (above 18pt) WCAG AA ✓ Pass

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

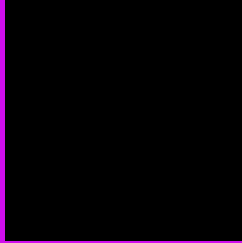
Any Text WCAG AA ✓ Pass

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 D00EED Background



This preview shows how black text looks on a background with the Hex color D00EED.

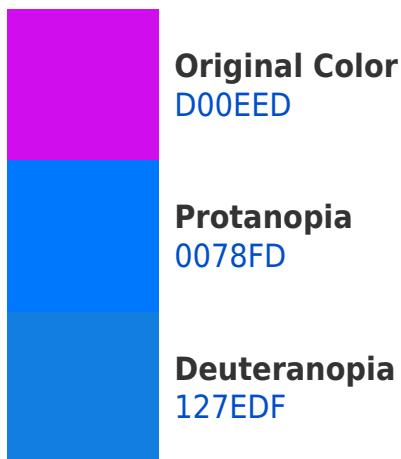


This preview shows how white text looks on a background with the Hex color D00EED.

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](#).

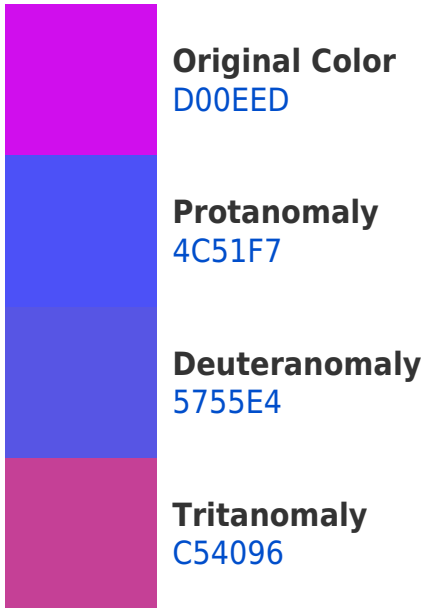
Dichromacy



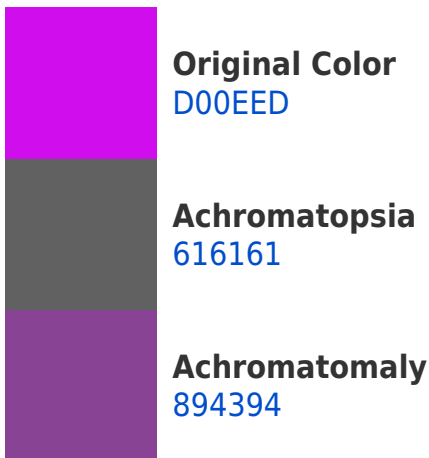


Tritanopia
BF5D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D00EED 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 #D00EED looks like.

```
.text, #text, p{  
    color:#D00EED  
}
```

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 #D00EED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D00EED
}
```

Border

The CSS property to change the border of an element to Hex D00EED is called "border". The border property can be set on classes, ids or directly on the HTML element.

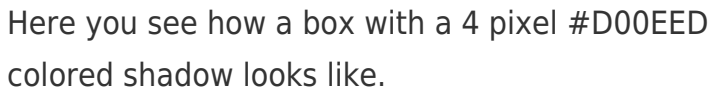
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D00EED }
```

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

```
.border{ border-color:#D00EED }
```

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



Here you see how a box with a 4 pixel #D00EED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D00EED; -webkit-box-shadow:4px 4px  
4px 4px #D00EED; box-shadow:4px 4px 4px  
4px #D00EED }
```

Background

The CSS property to change the background color of an element to Hex D00EED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D00EED }
```

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

```
.background{ background-color:#D00EED }
```

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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