

Converting Colors

Hex(E03DFD)

Have a look what the booklet for
Hex(E03DFD) contains.

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Color

Hex(E03DFD)

Conversions

Conversions Part 1

Format	Color
Hex	E03DFD
RGB	224, 61, 253
RGB Percent	88%, 24%, 99%
CMY	0.1216, 0.7608, 0.0078
CMYK	0.11, 0.76, 0.00, 0.01
HSL	291°, 98%, 62%
HSV	291°, 76%, 99%
XYZ	50.1388, 26.2766, 95.3578
YIQ	131.6250, 35.5160, 94.2680

Conversions

Conversions Part 2

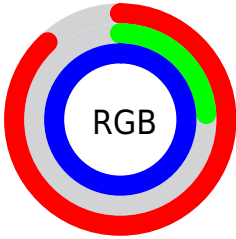
Format	Color
R _Y B	224, 61, 253
Decimal	14695933
CIE Lab	58.30, 83.75, -63.25
CIE LCh	58, 104.948, 322.939
Yxy	26.2766, 0.2919, 0.1530
Android (android.graphics.Color)	4292886013 (0xFFE03DFD)
YUV	131.6250, 59.8379, 81.0129
Hunter-Lab	51.2607, 84.8870, -74.4117

Details

The Hex color **E03DFD** 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 **5AFD3D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF7DFF**, and **A400C3** is the 20% darker color. If you saturate the color by 10%, you get **DC24FD**, and if you desaturate by 10%, it is **E456FD**.

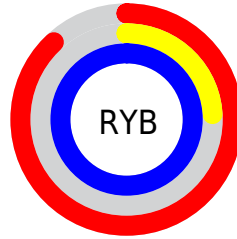
Distribution



Red (88%)

Green (24%)

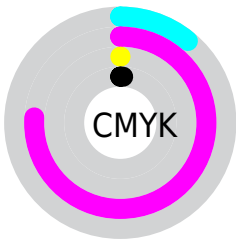
Blue (99%)



Red (88%)

Yellow (24%)

Blue (99%)

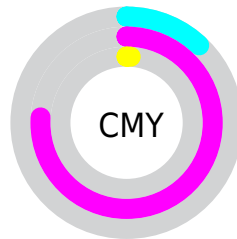


Cyan (11%)

Magenta (76%)

Yellow (0%)

Black (1%)



Cyan (12%)

Magenta (76%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color E03DFD 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 E03DFD by changing the saturation by 10% instead.

 E03DFD

 E03DFD

FFFFFF

 C20AE0

 FF7DFF

 A400C3

 FF9BFF

 8700A8

 FFB9FF

 69008C

 FFD7FF

 4C0072

 FFF5FF

 300059

 080040

 000329

 000113

 E03DFD

 E03DFD

 DC24FD

 E456FD

 D80AFD

 E870FD

 D700FD

 EB89FD

 EFA2FD

 F3BCFD

 F7D5FD

 FBEEFD

FFFFFFD

Harmonies

Analogous

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



007EFF



E03DFD



FF00A6

Triad

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



E03DFD



BD8100



00B1D2

Complementary

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



E03DFD



5AFD3D

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.



00AF73



E03DFD



669C00

Square

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



E03DFD



FD4F00



00A900



00AEFF

Rectangle

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



E03DFD



FF006A



00A900



00B0B3

Sweetspot

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



E03DFD



F6C4FF



3D5DFD



7A5C80



000000



808080

Same Dimension

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



E03DFD



DC17FF



FD3DBD



7E7380



A200BF



360040

Inverse Universe

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



FD3D5A



FF173A



3DFD7D



807375



BF001D



40000A

Previews

White Background



This preview shows how the Hex color E03DFD looks on a white background.

Color Contrast Check

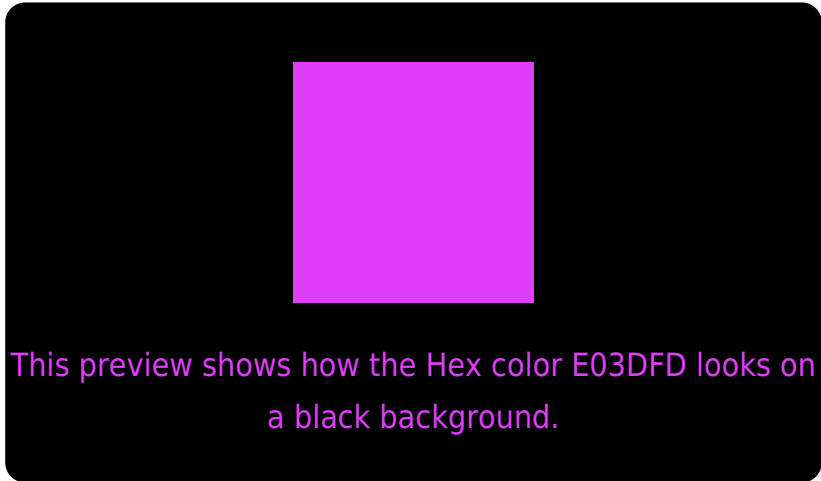
Large Text (above 18pt) WCAG AA ✓ Pass

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

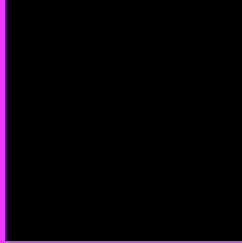
Any Text WCAG AA ✓ Pass

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 E03DFD Background



This preview shows how black text looks on a background with the Hex color E03DFD.



This preview shows how white text looks on a background with the Hex color E03DFD.

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](#).

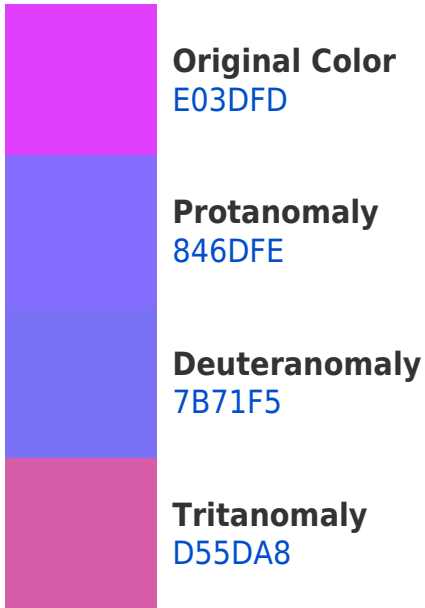
Dichromacy



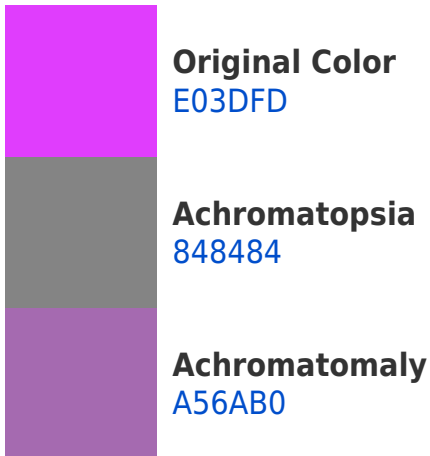


Tritanopia
CF6F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E03DFD 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 #E03DFD looks like.

```
.text, #text, p{  
  color:#E03DFD  
}
```

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 #E03DFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E03DFD
}
```

Border

The CSS property to change the border of an element to Hex E03DFD 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
#E03DFD }
```

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

```
.border{ border-color:#E03DFD }
```

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

Here you see how a box with a 4 pixel #E03DFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E03DFD; -webkit-box-shadow:4px 4px  
4px 4px #E03DFD; box-shadow:4px 4px 4px  
4px #E03DFD }
```

Background

The CSS property to change the background color of an element to Hex E03DFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E03DFD }
```

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

```
.background{ background-color:#E03DFD }
```

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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