

Converting Colors

Hex(E70FDB)

Have a look what the booklet for
Hex(E70FDB) contains.

Hex(E70FDB)	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(E70FDB)

Conversions

Conversions Part 1

Format	Color
Hex	E70FDB
RGB	231, 15, 219
RGB Percent	91%, 6%, 86%
CMY	0.0941, 0.9412, 0.1412
CMYK	0.00, 0.94, 0.05, 0.09
HSL	303°, 88%, 48%
HSV	303°, 94%, 91%
XYZ	45.9120, 22.4450, 68.9303
YIQ	102.8400, 63.2520, 109.2360

Conversions

Conversions Part 2

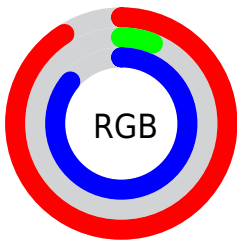
Format	Color
R _{YB}	231, 15, 219
Decimal	15142875
CIE Lab	54.50, 88.45, -50.19
CIE LCh	54, 101.696, 330.430
Yxy	22.4450, 0.3344, 0.1635
Android (android.graphics.Color)	4293332955 (0xFFE70FDB)
YUV	102.8400, 57.2669, 112.3963
Hunter-Lab	47.3762, 90.0750, -53.1010

Details

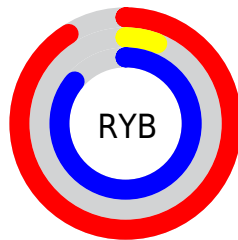
The Hex color **E70FDB** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **0FE71B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF66FF**, and **AA00A3** is the 20% darker color. If you saturate the color by 10%, you get **E700DA**, and if you desaturate by 10%, it is **E726DC**.

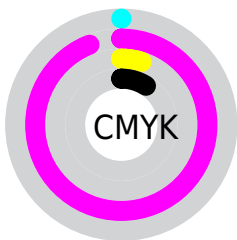
Distribution



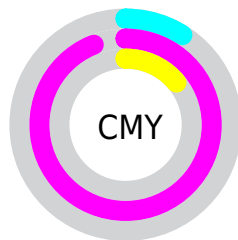
- Red (91%)
- Green (6%)
- Blue (86%)



- Red (91%)
- Yellow (6%)
- Blue (86%)



- Cyan (0%)
- Magenta (94%)
- Yellow (5%)
- Black (9%)



- Cyan (9%)
- Magenta (94%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color E70FDB 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 E70FDB by changing the saturation by 10% instead.

 E70FDB

 E70FDB

FFFFFF

 C900BF

 FF66FF

 AA00A3

 FF86FF

 8D0088

 FFA4FF

 6F006E


 FFC3FF

 530055

 FFE1FF

 36003D

 160026

 00010F

 000000

 E70FDB

 E70FDB

 E700DA

 E726DC

 E73DDE

 E754DF

 E76BE0

 E783E1

 E79AE3

 E7B1E4

 E7C8E5

 E7DFE7

Harmonies

Analogous

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



6869FF



E70FDB



FF0085

Triad

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



E70FDB



9E8000



00A5DA

Complementary

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



E70FDB



0FE71B

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.



00A481



E70FDB



3E9600

Square

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



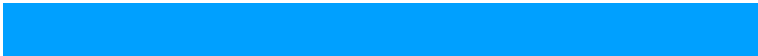
E70FDB



E05700



00A01B



00A0FF

Rectangle

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



E70FDB



FF004C



00A01B



00A5BE

Sweetspot

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



E70FDB



FFB8FB



1A0FE7



80547D



000000



808080

Same Dimension

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



E70FDB



FF00F1



E70F70



736772



B300A9



330030

Inverse Universe

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



E70FDB



FF00F1



0FE786



736772



B300A9



330030

Previews

White Background



This preview shows how the Hex color E70FDB 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 E70FDB Background



This preview shows how black text looks on a background with the Hex color E70FDB.



This preview shows how white text looks on a background with the Hex color E70FDB.

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



Original Color
E70FDB



Protanomaly
7556F2



Deuteranomaly
8E59D3



Tritanomaly
DF3D8A

Monochromacy



Original Color
E70FDB



Achromatopsia
676767



Achromatomaly
964791

CSS Examples

Text

The CSS property to change the color of the text to Hex E70FDB 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 #E70FDB looks like.

```
.text, #text, p{  
    color:#E70FDB  
}
```

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 #E70FDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E70FDB
}
```

Border

The CSS property to change the border of an element to Hex E70FDB 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
#E70FDB }
```

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

```
.border{ border-color:#E70FDB }
```

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

Here you see how a box with a 4 pixel #E70FDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E70FDB; -webkit-box-shadow:4px 4px  
4px 4px #E70FDB; box-shadow:4px 4px 4px  
4px #E70FDB }
```

Background

The CSS property to change the background color of an element to Hex E70FDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E70FDB }
```

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

```
.background{ background-color:#E70FDB }
```

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