

Converting Colors

Hex(D70EEB)

Have a look what the booklet for
Hex(D70EEB) contains.

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Color

Hex(D70EEB)

Conversions

Conversions Part 1

Format	Color
Hex	D70EEB
RGB	215, 14, 235
RGB Percent	84%, 5%, 92%
CMY	0.1569, 0.9451, 0.0784
CMYK	0.09, 0.94, 0.00, 0.08
HSL	295°, 89%, 49%
HSV	295°, 94%, 92%
XYZ	43.1768, 20.7593, 80.3285
YIQ	99.2930, 48.8550, 111.3430

Conversions

Conversions Part 2

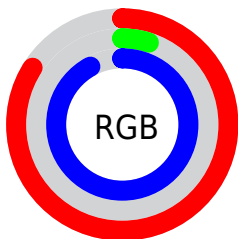
Format	Color
R_{YB}	215, 14, 235
Decimal	14094059
CIE _{Lab}	52.69, 88.31, -62.29
CIE _{LCh}	53, 108.067, 324.799
Yxy	20.7593, 0.2993, 0.1439
Android (android.graphics.Color)	4292284139 (0xFFD70EEB)
YUV	99.2930, 66.9036, 101.4750
Hunter-Lab	45.5624, 89.4197, -72.6373

Details

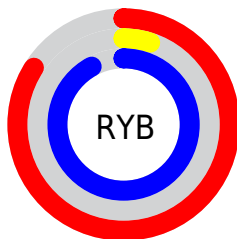
The Hex color **D70EEB** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **22EB0E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF64FF**, and **9B00B2** is the 20% darker color. If you saturate the color by 10%, you get **D600EB**, and if you desaturate by 10%, it is **D926EB**.

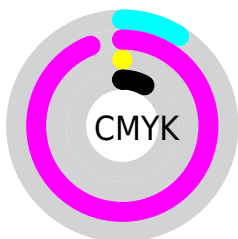
Distribution



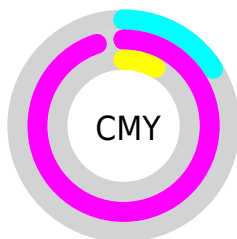
- Red (84%)
- Green (5%)
- Blue (92%)



- Red (84%)
- Yellow (5%)
- Blue (92%)



- Cyan (9%)
- Magenta (94%)
- Yellow (0%)
- Black (8%)



- Cyan (16%)
- Magenta (95%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color D70EEB 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 D70EEB by changing the saturation by 10% instead.

 D70EEB

 D70EEB

FFFFFF

 B900CE

 FF64FF

 9B00B2

 FF83FF

 7D0097

 FFA2FF

 60007C

 FFC0FF

 430062

 FFDEFF

 240049

 FFFDFF

 000032

 00011B

 000000

 D70EEB

 D70EEB

 D600EB

 D926EB

 DB3DEB

 DD55EB

 E06CEB

 E284EB

 E49BEB

 E6B3EB

 E8CAEB

 EAE2EB

Harmonies

Analogous

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



006DFF



D70EEB



FF0092

Triad

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



D70EEB



A77500



00A1CA

Complementary

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



D70EEB



22EBOE

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.



009F6A



D70EEB



4A8F00

Square

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



D70EEB



E93F00



009A00



009FFF

Rectangle

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



D70EEB



FF0056



009A00



00A1AB

Sweetspot

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



D70EEB



F9B8FF



0E24EB



7C5480



000000



808080

Same Dimension

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



D70EEB



E800FF



EB0E93



746A75



A500B5



310036

Inverse Universe

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



EB0E22



FF0017



0EEB66



756A6B



B50010



360005

Previews

White Background



This preview shows how the Hex color D70EEB 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

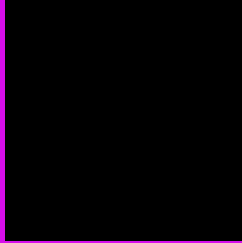
Any Text WCAG AA ✓ Pass

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 D70EEB Background



This preview shows how black text looks on a background with the Hex color D70EEB.

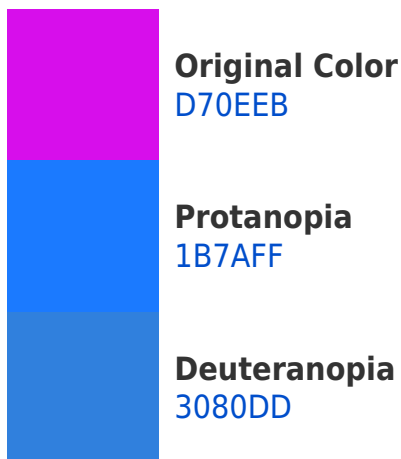



This preview shows how white text looks on a background with the Hex color D70EEB.

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
C75D63

Trichromacy



Original Color
D70EEB



Protanomaly
5F53F8



Deuteranomaly
6D57E2



Tritanomaly
CD4094

Monochromacy



Original Color
D70EEB



Achromatopsia
636363



Achromatomaly
8D4494

CSS Examples

Text

The CSS property to change the color of the text to Hex D70EEB 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 #D70EEB looks like.

```
.text, #text, p{  
    color:#D70EEB  
}
```

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 #D70EEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D70EEB
}
```

Border

The CSS property to change the border of an element to Hex D70EEB 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
#D70EEB }
```

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

```
.border{ border-color:#D70EEB }
```

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

Here you see how a box with a 4 pixel #D70EEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D70EEB; -webkit-box-shadow:4px 4px  
4px 4px #D70EEB; box-shadow:4px 4px 4px  
4px #D70EEB }
```

Background

The CSS property to change the background color of an element to Hex D70EEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D70EEB }
```

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

```
.background{ background-color:#D70EEB }
```

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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