

Converting Colors

Hex(DD70EC)

Have a look what the booklet for
Hex(DD70EC) contains.

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Color

Hex(DD70EC)

Conversions

Conversions Part 1

Format	Color
Hex	DD70EC
RGB	221, 112, 236
RGB Percent	87%, 44%, 93%
CMY	0.1333, 0.5608, 0.0745
CMYK	0.06, 0.53, 0.00, 0.07
HSL	293°, 77%, 68%
HSV	293°, 53%, 93%
XYZ	50.7533, 33.0166, 83.0547
YIQ	158.7270, 25.1600, 61.6720

Conversions

Conversions Part 2

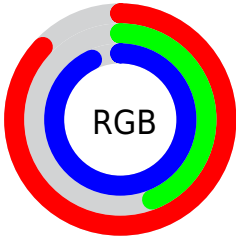
Format	Color
R _Y B	221, 112, 236
Decimal	14512364
CIE Lab	64.17, 60.07, -44.51
CIE LCh	64, 74.758, 323.462
Yxy	33.0166, 0.3042, 0.1979
Android (android.graphics.Color)	4292702444 (0xFFDD70EC)
YUV	158.7270, 38.0956, 54.6134
Hunter-Lab	57.4601, 57.1101, -45.4777

Details

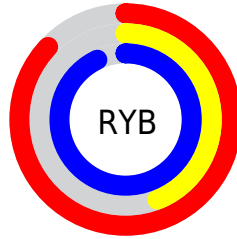
The Hex color **DD70EC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7FEC70**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFA8FF**, and **A338B4** is the 20% darker color. If you saturate the color by 10%, you get **DA58EC**, and if you desaturate by 10%, it is **E088EC**.

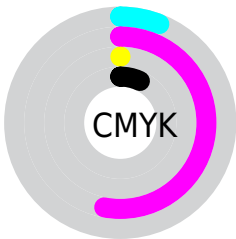
Distribution



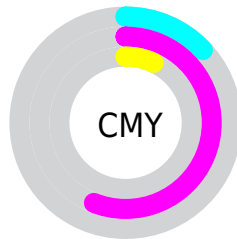
- Red (87%)
- Green (44%)
- Blue (93%)



- Red (87%)
- Yellow (44%)
- Blue (93%)



- Cyan (6%)
- Magenta (53%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (56%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD70EC 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 DD70EC by changing the saturation by 10% instead.

 DD70EC

 DD70EC

FFFFFF

 C055CF

 FFA8FF

 A338B4

 FFC4FF

 871898

 FFE1FF

 6C007E

FFFEFF

 510064

 36004C

 1C0034

 00021E

 000000

■ DD70EC

■ DD70EC

■ DA58EC

■ E088EC

■ D741EC

■ E39FEC

■ D429EC

■ E6B7EC

■ D212EC

■ E8CEEC

■ CF00EC

■ EBE6EC

■ EEFEEC

■ F1FFEC

■ F4FFEC

■ F7FFEC

Harmonies

Analogous

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



7A90FF



DD70EC



FF55AD

Triad

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



DD70EC



C79300



00BACF

Complementary

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



DD70EC



7FEC70

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.



00B98A



DD70EC



88A800

Square

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



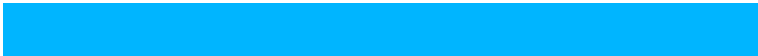
DD70EC



F6772D



1AB346



00B5FF

Rectangle

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



DD70EC



FF5580



1AB346



00BAB9

Sweetspot

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



DD70EC



FAD6FF



7081EC



7D6780



000000



808080

Same Dimension

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



DD70EC



EC5EFF



EC70BF



746A75



9F00B5



2F0036

Inverse Universe

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



EC707F



FF5E72



70EC9D



756A6B



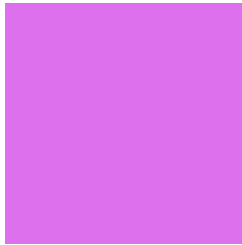
B50016



360006

Previews

White Background



This preview shows how the Hex color DD70EC looks on a white background.

Color Contrast Check

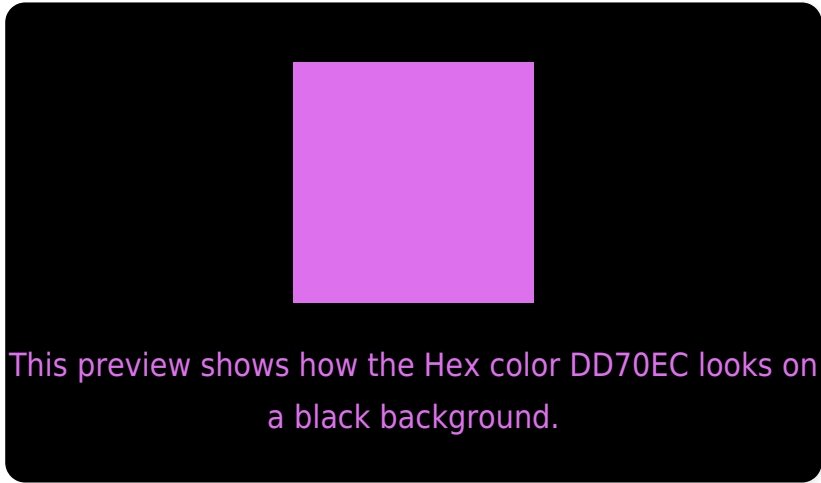
Large Text (above 18pt) WCAG AA × Fail

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

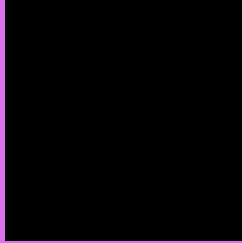
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex DD70EC Background



This preview shows how black text looks on a background with the Hex color DD70EC.

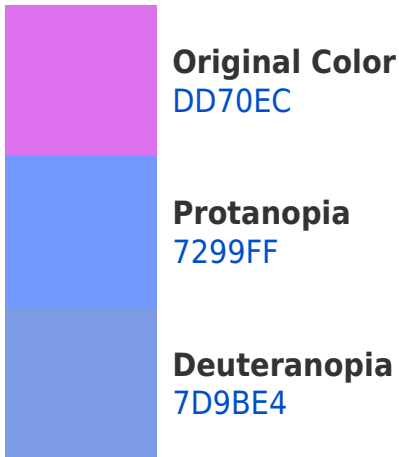



This preview shows how white text looks on a background with the Hex color DD70EC.

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](#).

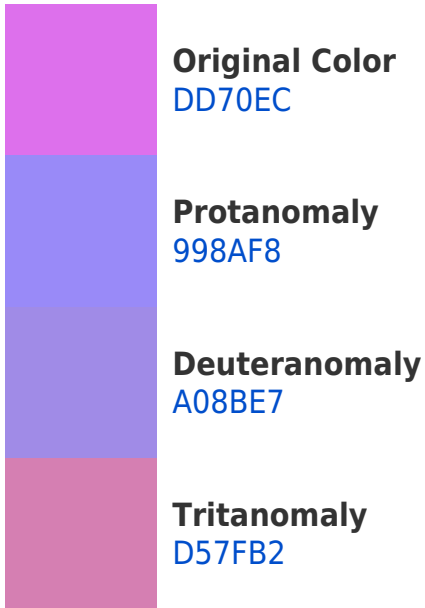
Dichromacy





Tritanopia
D18791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DD70EC 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 #DD70EC looks like.

```
.text, #text, p{  
    color:#DD70EC  
}
```

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 #DD70EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD70EC  
}
```

Border

The CSS property to change the border of an element to Hex DD70EC 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  
#DD70EC }
```

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

```
.border{ border-color:#DD70EC }
```

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

Here you see how a box with a 4 pixel #DD70EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD70EC; -webkit-box-shadow:4px 4px  
4px 4px #DD70EC; box-shadow:4px 4px 4px  
4px #DD70EC }
```

Background

The CSS property to change the background color of an element to Hex DD70EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD70EC }
```

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

```
.background{ background-color:#DD70EC }
```

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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