

Converting Colors

Hex(DE71EA)

Have a look what the booklet for
Hex(DE71EA) contains.

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Color

Hex(**DE71EA**)

Conversions

Conversions Part 1

Format	Color
Hex	DE71EA
RGB	222, 113, 234
RGB Percent	87%, 44%, 92%
CMY	0.1294, 0.5569, 0.0824
CMYK	0.05, 0.52, 0.00, 0.08
HSL	294°, 74%, 68%
HSV	294°, 52%, 92%
XYZ	50.8806, 33.2804, 81.5840
YIQ	159.3850, 26.1230, 60.7390

Conversions

Conversions Part 2

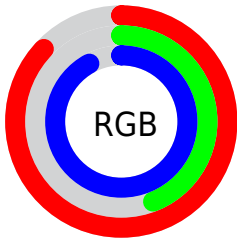
Format	Color
RYB	222, 113, 234
Decimal	14578154
CIELab	64.39, 59.49, -43.06
CIElCh	64, 73.433, 324.104
Yxy	33.2804, 0.3070, 0.2008
Android (android.graphics.Color)	4292768234 (0xFFDE71EA)
YUV	159.3850, 36.7852, 54.9134
Hunter-Lab	57.6891, 56.4773, -43.4655

Details

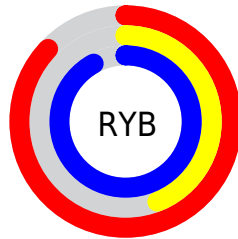
The Hex color **DE71EA** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7DEA71**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFA9FF**, and **A43AB2** is the 20% darker color. If you saturate the color by 10%, you get **DC5AEA**, and if you desaturate by 10%, it is **E088EA**.

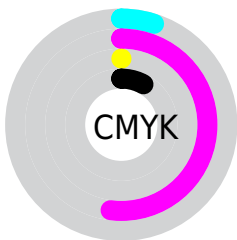
Distribution



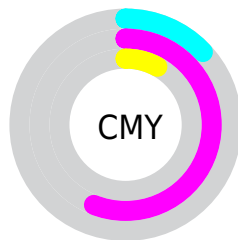
- Red (87%)
- Green (44%)
- Blue (92%)



- Red (87%)
- Yellow (44%)
- Blue (92%)



- Cyan (5%)
- Magenta (52%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (56%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE71EA 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 DE71EA by changing the saturation by 10% instead.

 DE71EA

FFFFFF

 FFA9FF


 FFC5FF

 FFE2FF

 DE71EA

 C156CE

 A43AB2

 881A97

 6D007C

 520063

 38004A

 1D0033

 00021D

 000000

 DE71EA

 DE71EA

 DC5AEA

 E088EA

 D942EA

 E3A0EA

 D72BEA

 E5B7EA

 D513EA

 E7CFEA

 D300EA

 EAE6EA

 ECFDEA

 EEFFEA

 F1FFEA

 F3FFEA

Harmonies

Analogous

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



7F90FF



DE71EA



FF58AC

Triad

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



DE71EA



C69500



00BAD0

Complementary

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



DE71EA



7DEA71

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.



00B98D



DE71EA



88A800

Square

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



DE71EA



F5792F



1CB44A



00B5FF

Rectangle

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



DE71EA



FF5880



1CB44A



00BABA

Sweetspot

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



DE71EA



FBD6FF



717DEA



7D6780



000000



808080

Same Dimension

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



DE71EA



EF61FF



EA71BA



746A75



A300B5



300036

Inverse Universe

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



EA717D



FF6171



71EAA1



756A6B



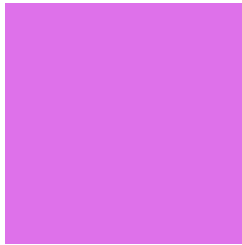
B50012



360005

Previews

White Background



This preview shows how the Hex color DE71EA looks on a white background.

Color Contrast Check

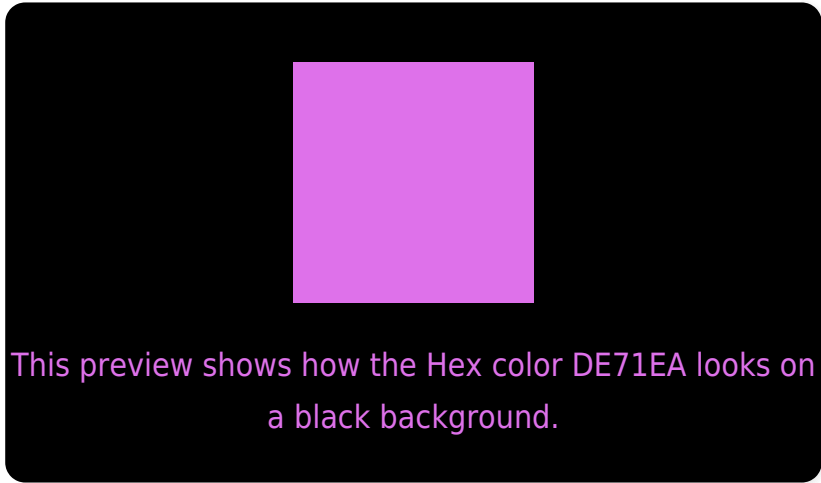
Large Text (above 18pt) WCAG AA × Fail

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

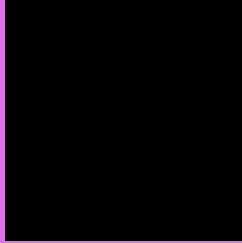
Any Text WCAG AA ✓ Pass

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 DE71EA Background



This preview shows how black text looks on a background with the Hex color DE71EA.




This preview shows how white text looks on a background with the Hex color DE71EA.

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](#).

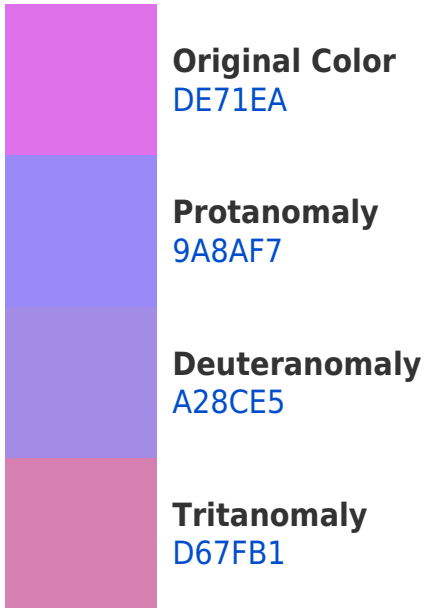
Dichromacy



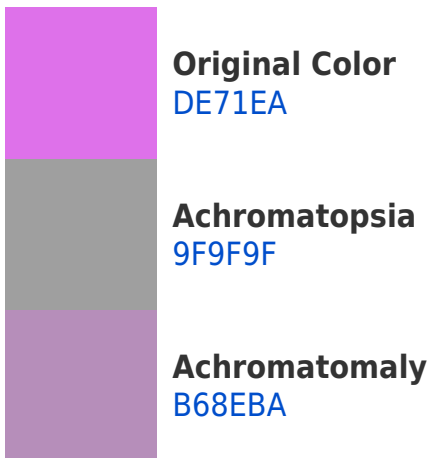


Tritanopia
D28791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE71EA 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 #DE71EA looks like.

```
.text, #text, p{  
    color:#DE71EA  
}
```

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 #DE71EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE71EA }  
}
```

Border

The CSS property to change the border of an element to Hex DE71EA 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 #DE71EA }  
}
```

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

```
.border{ border-color:#DE71EA }
```

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

Here you see how a box with a 4 pixel #DE71EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE71EA; -webkit-box-shadow:4px 4px  
4px 4px #DE71EA; box-shadow:4px 4px 4px  
4px #DE71EA }
```

Background

The CSS property to change the background color of an element to Hex DE71EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE71EA }
```

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

```
.background{ background-color:#DE71EA }
```

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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