

Converting Colors

Hex(DE70C0)

Have a look what the booklet for
Hex(DE70C0) contains.

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Color

Hex(**DE70C0**)

Conversions

Conversions Part 1

Format	Color
Hex	DE70C0
RGB	222, 112, 192
RGB Percent	87%, 44%, 75%
CMY	0.1294, 0.5608, 0.2471
CMYK	0.00, 0.50, 0.14, 0.13
HSL	316°, 62%, 65%
HSV	316°, 50%, 87%
XYZ	45.4328, 30.9237, 53.4435
YIQ	154.0100, 39.8800, 48.2000

Conversions

Conversions Part 2

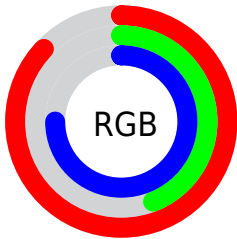
Format	Color
R _Y B	222, 112, 192
Decimal	14577856
CIE Lab	62.44, 52.83, -22.52
CIE LCh	62, 57.425, 336.914
Yxy	30.9237, 0.3500, 0.2382
Android (android.graphics.Color)	4292767936 (0xFFDE70C0)
YUV	154.0100, 18.7291, 59.6272
Hunter-Lab	55.6091, 48.5192, -18.0547

Details

The Hex color **DE70C0** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **70DE8E**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFA7F9**, and **A43A8A** is the 20% darker color. If you saturate the color by 10%, you get **DE5ABA**, and if you desaturate by 10%, it is **DE86C6**.

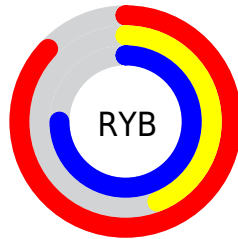
Distribution



Red (87%)

Green (44%)

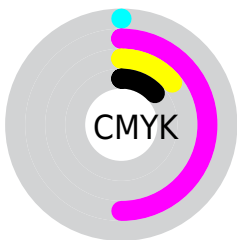
Blue (75%)



Red (87%)

Yellow (44%)

Blue (75%)

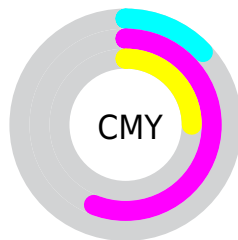


Cyan (0%)

Magenta (50%)

Yellow (14%)

Black (13%)



Cyan (13%)

Magenta (56%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE70C0 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 DE70C0 by changing the saturation by 10% instead.

 DE70C0

 DE70C0

FFFFFF

 C155A5

 FFA7F9

 A43A8A

 FFC3FF

 891C71

 FFE0FF

 6D0058

 FFFDFF

 530040

 3A002A

 1E0015

 000000

 DE70C0

 DE70C0

 DE5ABA

 DE86C6

 DE44B4

 DE9CCC

 DE2DAE

 DEB3D2

 DE17A8

 DEC9D8

 DE01A2

 DEDFDE

 DE00A1

 DEF5E4

 DEFFEA

 DEFFF0

 DEFFF6

Harmonies

Analogous

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



A984E9



DE70C0



F4688D

Triad

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



DE70C0



A79828



00AED3

Complementary

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



DE70C0



70DE8E

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.



00B0A2



DE70C0



71A540

Square

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



DE70C0



D28636



00AD6D



00A7F4

Rectangle

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



DE70C0



F26D6C



00AD6D



00AFC4

Sweetspot

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



DE70C0



FFD9F5



8D70DE



806979



000000



808080

Same Dimension

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



DE70C0



FF69D6



DE708A



70656D



B00080



300023

Inverse Universe

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



DE70C0



FF69D6



70DEC4



70656D



B00080



300023

Previews

White Background



This preview shows how the Hex color DE70C0 looks on a white background.

Color Contrast Check

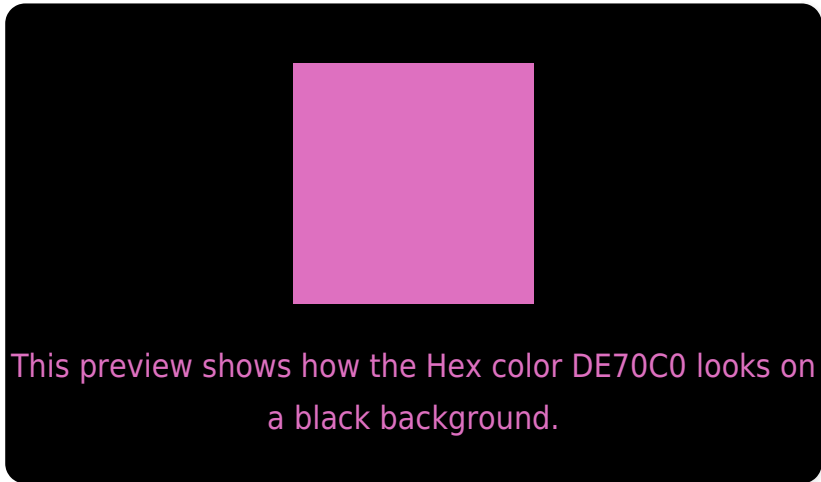
Large Text (above 18pt) WCAG AA × Fail

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 DE70C0 Background



This preview shows how black text looks on a background with the Hex color DE70C0.

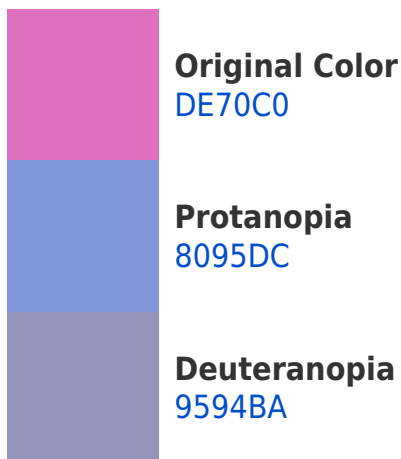


This preview shows how white text looks on a background with the Hex color DE70C0.

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
D87D86

Trichromacy



Original Color
DE70C0



Protanomaly
A288D2



Deuteranomaly
B087BC

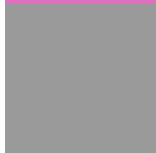


Tritanomaly
DA789B

Monochromacy



Original Color
DE70C0



Achromatopsia
9A9A9A



Achromatomaly
B38BA8

CSS Examples

Text

The CSS property to change the color of the text to Hex DE70C0 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 #DE70C0 looks like.

```
.text, #text, p{  
    color:#DE70C0  
}
```

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 #DE70C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE70C0
}
```

Border

The CSS property to change the border of an element to Hex DE70C0 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
#DE70C0 }
```

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

```
.border{ border-color:#DE70C0 }
```

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

Here you see how a box with a 4 pixel #DE70C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE70C0; -webkit-box-shadow:4px 4px  
4px 4px #DE70C0; box-shadow:4px 4px 4px  
4px #DE70C0 }
```

Background

The CSS property to change the background color of an element to Hex DE70C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE70C0 }
```

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

```
.background{ background-color:#DE70C0 }
```

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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