

Converting Colors

Hex(DE67CB)

Have a look what the booklet for
Hex(DE67CB) contains.

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Color

Hex(**DE67CB**)

Conversions

Conversions Part 1

Format	Color
Hex	DE67CB
RGB	222, 103, 203
RGB Percent	87%, 40%, 80%
CMY	0.1294, 0.5961, 0.2039
CMYK	0.00, 0.54, 0.09, 0.13
HSL	310°, 64%, 64%
HSV	310°, 54%, 87%
XYZ	45.7539, 29.5419, 59.7906
YIQ	149.9810, 38.8240, 56.3280

Conversions

Conversions Part 2

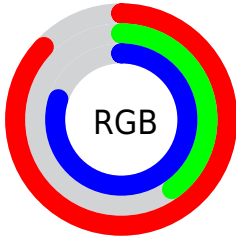
Format	Color
R _Y B	222, 103, 203
Decimal	14575563
CIE Lab	61.26, 58.86, -30.58
CIE LCh	61, 66.326, 332.549
Yxy	29.5419, 0.3387, 0.2187
Android (android.graphics.Color)	4292765643 (0xFFDE67CB)
YUV	149.9810, 26.1384, 63.1607
Hunter-Lab	54.3524, 55.1447, -27.1754

Details

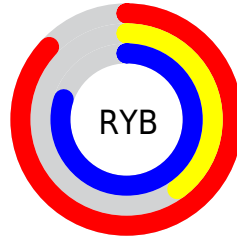
The Hex color **DE67CB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **67DE7A**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FF9FFF**, and **A42E95** is the 20% darker color. If you saturate the color by 10%, you get **DE51C7**, and if you desaturate by 10%, it is **DE7DCF**.

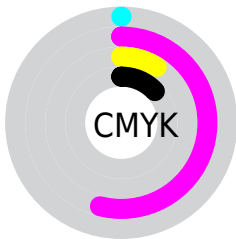
Distribution



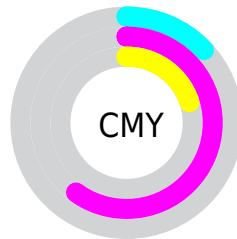
- Red (87%)
- Green (40%)
- Blue (80%)



- Red (87%)
- Yellow (40%)
- Blue (80%)



- Cyan (0%)
- Magenta (54%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE67CB 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 DE67CB by changing the saturation by 10% instead.

 DE67CB

 DE67CB

FFFFFF

 C14BAF

 FF9FFF

 A42E95

 FFBBFF

 88057A

 FFD8FF

 6D0061

 FFF5FF

 520049

 390032

 1C001C

 000000

 DE67CB

 DE67CB

 DE51C7

 DE7DCF

 DE3BC4

 DE93D2

 DE24C0

 DEAAD6

 DE0EBD

 DEC0D9

 DE00BB

 DED6DD

 DEECE0

 DEFFE4

 DEFFE7

 DEFFEB

Harmonies

Analogous

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



9A82F7



DE67CB



FB5891

Triad

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



DE67CB



AC9300



00AED2

Complementary

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



DE67CB



67DE7A

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.



00AF97



DE67CB



70A224

Square

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



DE67CB



DA7C26



00AB5B



00A8FC

Rectangle

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



DE67CB



FC5D6B



00AB5B



00AFBF

Sweetspot

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



DE67CB



FFD6F8



7967DE



80677C



000000



808080

Same Dimension

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



DE67CB



FF5CE5



DE6791



70656E



B00094



300029

Inverse Universe

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



DE67CB



FF5CE5



67DEB4



70656E



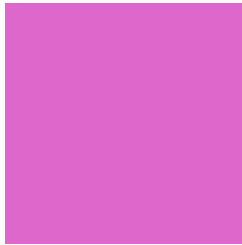
B00094



300029

Previews

White Background



This preview shows how the Hex color DE67CB looks on a white background.

Color Contrast Check

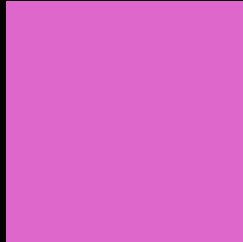
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color DE67CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

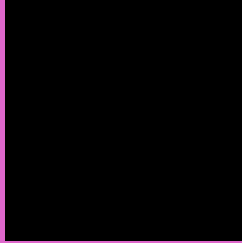
Any Text WCAG AA ✓ Pass

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 DE67CB Background



This preview shows how black text looks on a background with the Hex color DE67CB.

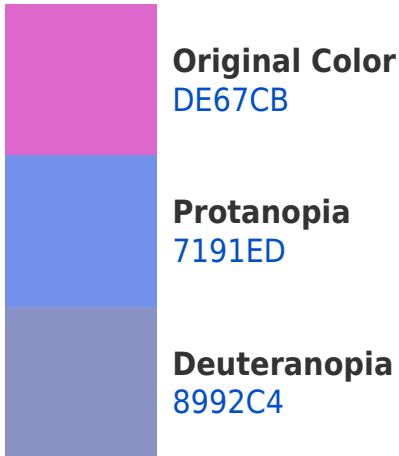


This preview shows how white text looks on a background with the Hex color DE67CB.

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](#).

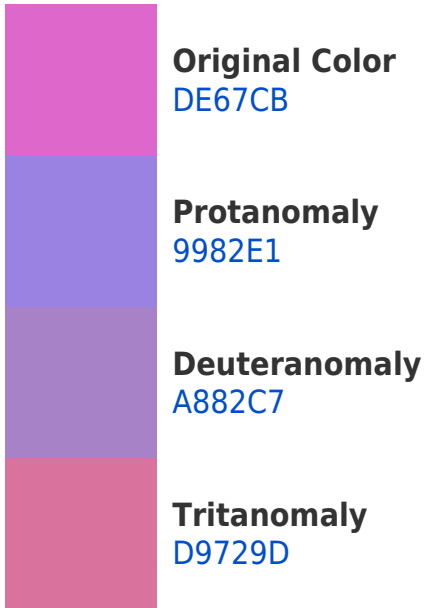
Dichromacy



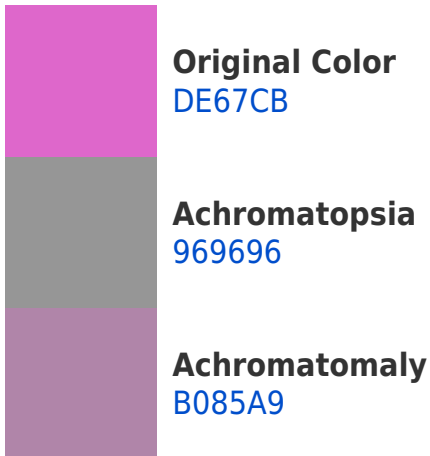


Tritanopia
D67982

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DE67CB 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 #DE67CB looks like.

```
.text, #text, p{  
    color:#DE67CB  
}
```

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 #DE67CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE67CB
}
```

Border

The CSS property to change the border of an element to Hex DE67CB 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
#DE67CB }
```

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

```
.border{ border-color:#DE67CB }
```

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

Here you see how a box with a 4 pixel #DE67CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE67CB; -webkit-box-shadow:4px 4px  
4px 4px #DE67CB; box-shadow:4px 4px 4px  
4px #DE67CB }
```

Background

The CSS property to change the background color of an element to Hex DE67CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE67CB }
```

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

```
.background{ background-color:#DE67CB }
```

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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