

Converting Colors

Hex(DE82C4)

Have a look what the booklet for
Hex(DE82C4) contains.

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Color

Hex(DE82C4)

Conversions

Conversions Part 1

Format	Color
Hex	DE82C4
RGB	222, 130, 196
RGB Percent	87%, 51%, 77%
CMY	0.1294, 0.4902, 0.2314
CMYK	0.00, 0.41, 0.12, 0.13
HSL	317°, 58%, 69%
HSV	317°, 41%, 87%
XYZ	48.0706, 35.4804, 56.5394
YIQ	165.0320, 33.6460, 40.0300

Conversions

Conversions Part 2

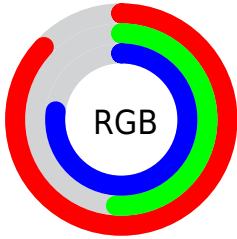
Format	Color
R _Y B	222, 130, 196
Decimal	14582468
CIE Lab	66.12, 44.40, -19.17
CIE LCh	66, 48.358, 336.651
Yxy	35.4804, 0.3431, 0.2533
Android (android.graphics.Color)	4292772548 (0xFFDE82C4)
YUV	165.0320, 15.2672, 49.9609
Hunter-Lab	59.5654, 39.8141, -14.5821

Details

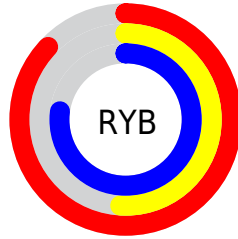
The Hex color **DE82C4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82DE9C**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFB9FD**, and **A54E8E** is the 20% darker color. If you saturate the color by 10%, you get **DE6CBE**, and if you desaturate by 10%, it is **DE98CA**.

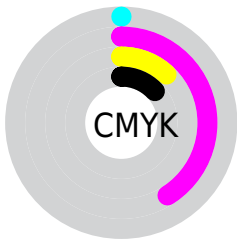
Distribution



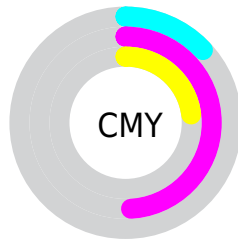
- Red (87%)
- Green (51%)
- Blue (77%)



- Red (87%)
- Yellow (51%)
- Blue (77%)



- Cyan (0%)
- Magenta (41%)
- Yellow (12%)
- Black (13%)



- Cyan (13%)
- Magenta (49%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE82C4 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 DE82C4 by changing the saturation by 10% instead.

 DE82C4

 DE82C4

FFFFFF

 C168A9

 FFB9FD

 A54E8E

 FFD5FF

 8A3474

 FFF2FF

 6F185C

 550044

 3B002E

 240019

 000000

 DE82C4

 DE82C4

 DE6CBE

 DE98CA

 DE56B7

 DEAED1

 DE3FB1

 DEC5D7

 DE29AB

 DEDBDD

 DE13A5

 DEF1E3

 DE009F

 DEFFEA

 DEFFF0

 DEFFF6

 DEFFFC

Harmonies

Analogous

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



B192E7



DE82C4



F27C99

Triad

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



DE82C4



B1A147



00B5D3

Complementary

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



DE82C4



82DE9C

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.



00B7A9



DE82C4



83AD58

Square

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



DE82C4



D69251



46B47D



00AEF0

Rectangle

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



DE82C4



F17F7C



46B47D



00B6C6

Sweetspot

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



DE82C4



FFE0F6



9B82DE



806E7A



000000



808080

Same Dimension

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



DE82C4



FF80DB



DE8297



70656D



B0007E



300023

Inverse Universe

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



DE82C4



FF80DB



82DEC9



70656D



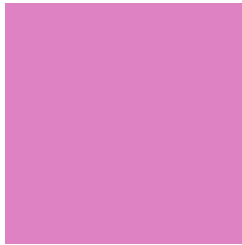
B0007E



300023

Previews

White Background



This preview shows how the Hex color DE82C4 looks on a white background.

Color Contrast Check

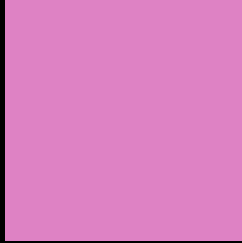
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color DE82C4 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 ✓ Pass

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

Hex DE82C4 Background



This preview shows how black text looks on a background with the Hex color DE82C4.

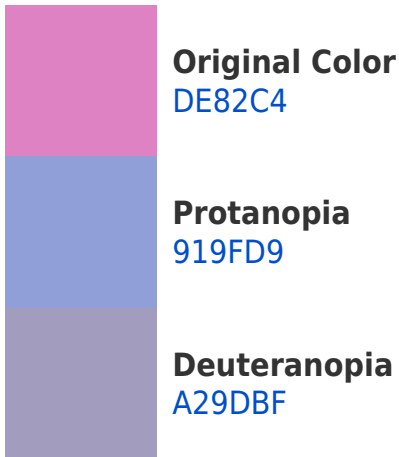


This preview shows how white text looks on a background with the Hex color DE82C4.

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
D98B96

Trichromacy



Original Color
DE82C4



Protanomaly
AD94D1



Deuteranomaly
B893C1

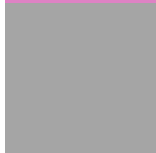


Tritanomaly
DB88A7

Monochromacy



Original Color
DE82C4



Achromatopsia
A5A5A5



Achromatomaly
BA98B0

CSS Examples

Text

The CSS property to change the color of the text to Hex DE82C4 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 #DE82C4 looks like.

```
.text, #text, p{  
    color:#DE82C4  
}
```

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 #DE82C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE82C4
}
```

Border

The CSS property to change the border of an element to Hex DE82C4 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
#DE82C4 }
```

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

```
.border{ border-color:#DE82C4 }
```

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

Here you see how a box with a 4 pixel #DE82C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE82C4; -webkit-box-shadow:4px 4px  
4px 4px #DE82C4; box-shadow:4px 4px 4px  
4px #DE82C4 }
```

Background

The CSS property to change the background color of an element to Hex DE82C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE82C4 }
```

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

```
.background{ background-color:#DE82C4 }
```

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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