

Converting Colors

Hex(D16EAC)

Have a look what the booklet for
Hex(D16EAC) contains.

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Color

Hex(D16EAC)

Conversions

Conversions Part 1

Format	Color
Hex	D16EAC
RGB	209, 110, 172
RGB Percent	82%, 43%, 67%
CMY	0.1804, 0.5686, 0.3255
CMYK	0.00, 0.47, 0.18, 0.18
HSL	322°, 52%, 63%
HSV	322°, 47%, 82%
XYZ	39.3168, 27.6857, 42.3014
YIQ	146.6690, 39.1020, 40.2700

Conversions

Conversions Part 2

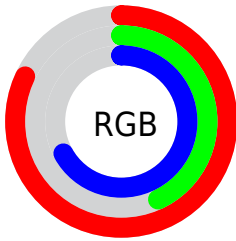
Format	Color
RYB	209, 110, 172
Decimal	13725356
CIELab	59.60, 46.67, -15.58
CIELCh	60, 49.204, 341.535
Yxy	27.6857, 0.3597, 0.2533
Android (android.graphics.Color)	4291915436 (0xFFD16EAC)
YUV	146.6690, 12.4882, 54.6643
Hunter-Lab	52.6172, 41.2992, -10.8339

Details

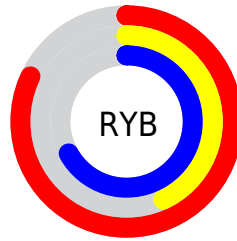
The Hex color **D16EAC** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6ED193**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FFA4E3**, and **983978** is the 20% darker color. If you saturate the color by 10%, you get **D159A4**, and if you desaturate by 10%, it is **D183B4**.

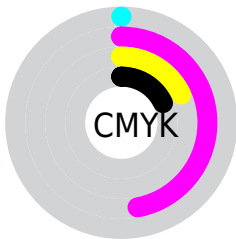
Distribution



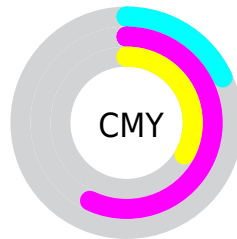
- Red (82%)
- Green (43%)
- Blue (67%)



- Red (82%)
- Yellow (43%)
- Blue (67%)



- Cyan (0%)
- Magenta (47%)
- Yellow (18%)
- Black (18%)



- Cyan (18%)
- Magenta (57%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color D16EAC 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 D16EAC by changing the saturation by 10% instead.

 D16EAC

 D16EAC

FFFFFF

 B45491

 FFA4E3

 983978

 FFC0FF

 7D1E5F

 FFDDFF

 620047

 FFFAFF

 480030

 31001C

 050000

 000000

 D16EAC

 D16EAC

 D159A4

 D183B4

 D1449C

 D198BC

 D12F95

 D1ADC3

 D11A8D

 D1C2CB

 D10685

 D1D7D3

 D10083

 D1EBDB

 D1FFE3

 D1FFEA

 D1FFF2

Harmonies

Analogous

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



A87DD1



D16EAC



E06A80

Triad

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



D16EAC



989336



00A3C8

Complementary

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



D16EAC



6ED193

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.



00A59F



D16EAC



699D4C

Square

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



D16EAC



BE843C



16A373



009CE1

Rectangle

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



D16EAC



DD6F65



16A373



00A4BC

Sweetspot

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



D16EAC



FFDBF2



926ED1



806A77



000000



808080

Same Dimension

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



D16EAC



FF6EC9



D16E7B



695E65



A80069



29001A

Inverse Universe

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



D16EAC



FF6EC9



6ED1C4



695E65



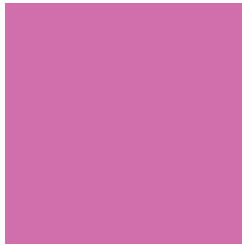
A80069



29001A

Previews

White Background



This preview shows how the Hex color D16EAC looks on a white background.

Color Contrast Check

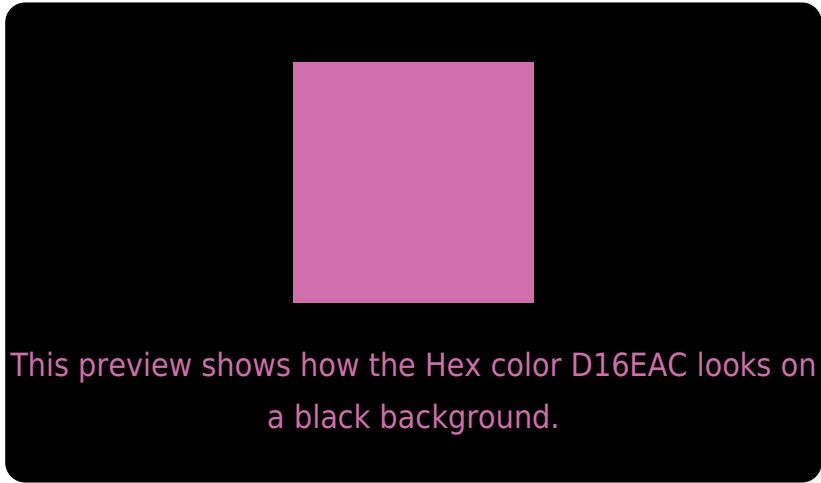
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

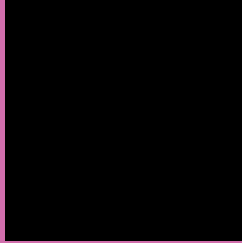
Any Text WCAG AA ✓ Pass

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 D16EAC Background



This preview shows how black text looks on a background with the Hex color D16EAC.

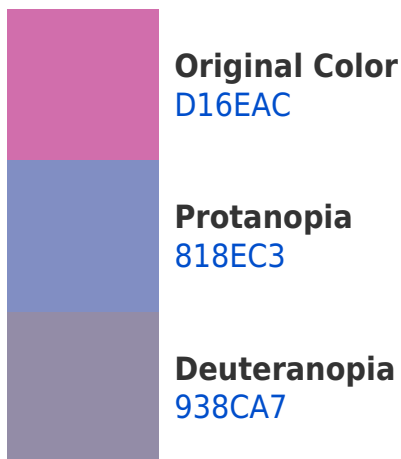


This preview shows how white text looks on a background with the Hex color D16EAC.

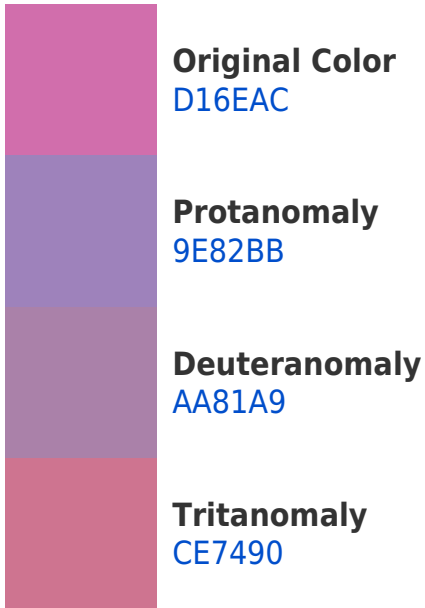
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D16EAC 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 #D16EAC looks like.

```
.text, #text, p{  
    color:#D16EAC  
}
```

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 #D16EAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D16EAC
}
```

Border

The CSS property to change the border of an element to Hex D16EAC 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
#D16EAC }
```

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

```
.border{ border-color:#D16EAC }
```

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

Here you see how a box with a 4 pixel #D16EAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D16EAC; -webkit-box-shadow:4px 4px  
4px 4px #D16EAC; box-shadow:4px 4px 4px  
4px #D16EAC }
```

Background

The CSS property to change the background color of an element to Hex D16EAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D16EAC }
```

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

```
.background{ background-color:#D16EAC }
```

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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