

Converting Colors

Hex(D066DA)

Have a look what the booklet for
Hex(D066DA) contains.

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Color

Hex(D066DA)

Conversions

Conversions Part 1

Format	Color
Hex	D066DA
RGB	208, 102, 218
RGB Percent	82%, 40%, 85%
CMY	0.1843, 0.6000, 0.1451
CMYK	0.05, 0.53, 0.00, 0.15
HSL	295°, 61%, 63%
HSV	295°, 53%, 85%
XYZ	43.4187, 27.9746, 69.4409
YIQ	146.9180, 25.9400, 58.5480

Conversions

Conversions Part 2

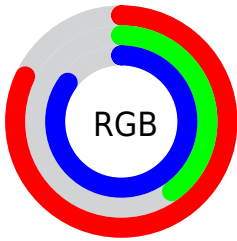
Format	Color
R _Y B	208, 102, 218
Decimal	13657818
CIE Lab	59.87, 58.07, -41.35
CIE LCh	60, 71.289, 324.547
Yxy	27.9746, 0.3083, 0.1986
Android (android.graphics.Color)	4291847898 (0xFFD066DA)
YUV	146.9180, 35.0434, 53.5689
Hunter-Lab	52.8910, 53.9729, -40.8184

Details

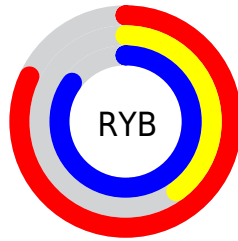
The Hex color **D066DA** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **70DA66**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF9DFF**, and **972EA3** is the 20% darker color. If you saturate the color by 10%, you get **CE50DA**, and if you desaturate by 10%, it is **D27CDA**.

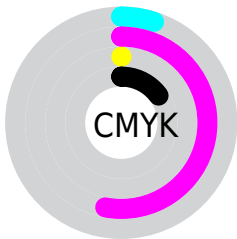
Distribution



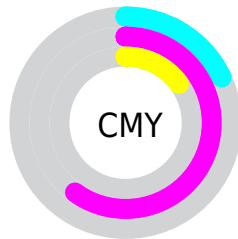
- Red (82%)
- Green (40%)
- Blue (85%)



- Red (82%)
- Yellow (40%)
- Blue (85%)



- Cyan (5%)
- Magenta (53%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (60%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color D066DA 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 D066DA by changing the saturation by 10% instead.

 D066DA

 D066DA

FFFFFF

 B34BBE

 FF9DFF

 972EA3

 FFB9FF

 7B0888

 FFD6FF

 60006E

 FFF3FF

 450055

 2E003E

 070026

 00010F

 000000

 D066DA

 D066DA

 CE50DA

 D27CDA

 CC3ADA

 D492DA

 CA25DA

 D6A7DA

 C80FDA

 D8BDDA

 C700DA

 D9D3DA

 DBE9DA

 DDFFDA

 DFFFFDA

 E1FFDA

Harmonies

Analogous

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



7585FF



D066DA



F94D9E

Triad

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



D066DA



B78900



00ADC3

Complementary

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



D066DA



70DA66

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.



00AC82



D066DA



7B9C00

Square

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



D066DA



E46F26



02A742



00A8F6

Rectangle

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



D066DA



FF4E74



02A742



00ADAE

Sweetspot

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



D066DA



FBD6FF



6672DA



7D6780



000000



808080

Same Dimension

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



D066DA



F15CFF



DA66AC



6D636E



9E00AD



2A002E

Inverse Universe

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



DA6670



FF5C6A



66DA94



6E6364



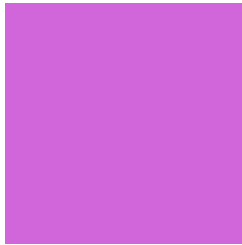
AD000F



2E0004

Previews

White Background



This preview shows how the Hex color D066DA looks on a white background.

Color Contrast Check

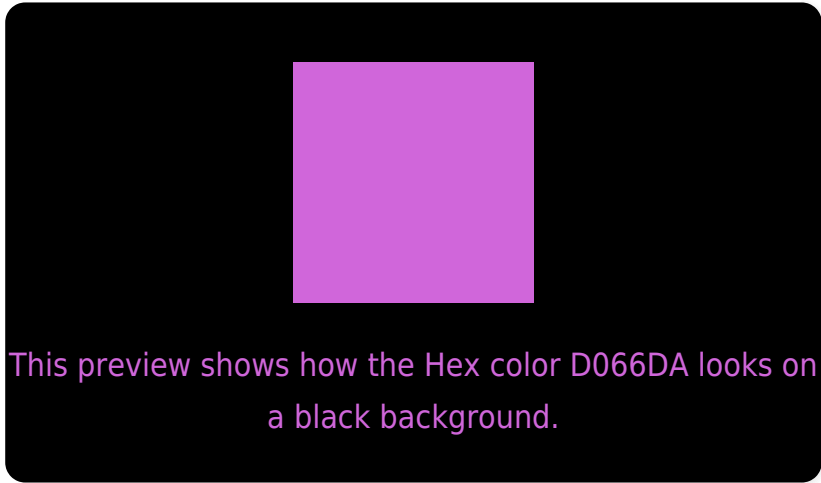
Large Text (above 18pt) WCAG AA ✓ Pass

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

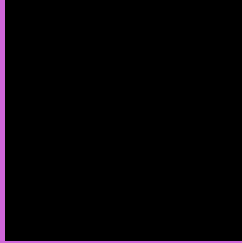
Any Text WCAG AA ✓ Pass

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 D066DA Background



This preview shows how black text looks on a background with the Hex color D066DA.

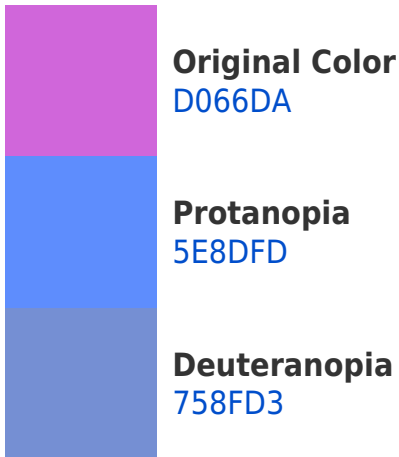


This preview shows how white text looks on a background with the Hex color D066DA.

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
C57C85

Trichromacy



Original Color
D066DA



Protanomaly
877FF0



Deuteranomaly
9680D6



Tritanomaly
C974A4

Monochromacy



Original Color
D066DA



Achromatopsia
939393



Achromatomaly
A983AD

CSS Examples

Text

The CSS property to change the color of the text to Hex D066DA 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 #D066DA looks like.

```
.text, #text, p{  
    color:#D066DA  
}
```

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 #D066DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D066DA
}
```

Border

The CSS property to change the border of an element to Hex D066DA 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".

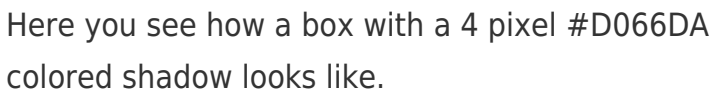
```
.border, #border, table{ border:4px solid
#D066DA }
```

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

```
.border{ border-color:#D066DA }
```

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

Here you see how a box with a 4 pixel #D066DA colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D066DA; -webkit-box-shadow:4px 4px  
4px 4px #D066DA; box-shadow:4px 4px 4px  
4px #D066DA }
```

Background

The CSS property to change the background color of an element to Hex D066DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D066DA }
```

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

```
.background{ background-color:#D066DA }
```

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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