

Converting Colors

Hex(D06BE3)

Have a look what the booklet for
Hex(D06BE3) contains.

Hex(D06BE3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D06BE3)

Conversions

Conversions Part 1

Format	Color
Hex	D06BE3
RGB	208, 107, 227
RGB Percent	82%, 42%, 89%
CMY	0.1843, 0.5804, 0.1098
CMYK	0.08, 0.53, 0.00, 0.11
HSL	290°, 68%, 65%
HSV	290°, 53%, 89%
XYZ	45.1352, 29.4713, 75.9827
YIQ	150.8790, 21.6760, 58.7320

Conversions

Conversions Part 2

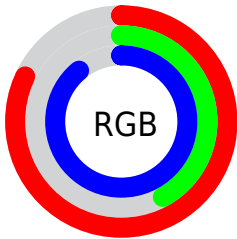
Format	Color
R _Y B	208, 107, 227
Decimal	13659107
CIE _{Lab}	61.20, 57.35, -44.30
CIE _{LCh}	61, 72.468, 322.314
Y _{xy}	29.4713, 0.2997, 0.1957
Android (android.graphics.Color)	4291849187 (0xFFD06BE3)
YUV	150.8790, 37.5277, 50.0951
Hunter-Lab	54.2875, 53.4038, -44.9831

Details

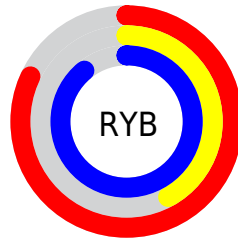
The Hex color **D06BE3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7EE36B**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FFA2FF**, and **9734AB** is the 20% darker color. If you saturate the color by 10%, you get **CC54E3**, and if you desaturate by 10%, it is **D482E3**.

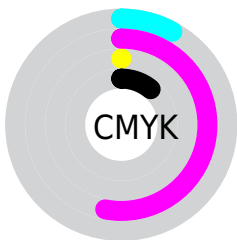
Distribution



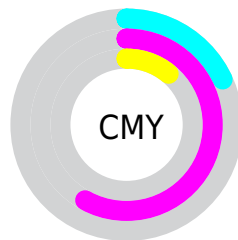
- Red (82%)
- Green (42%)
- Blue (89%)



- Red (82%)
- Yellow (42%)
- Blue (89%)



- Cyan (8%)
- Magenta (53%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (58%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color D06BE3 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 D06BE3 by changing the saturation by 10% instead.

 D06BE3

 D06BE3

FFFFFF

 B350C7

 FFA2FF

 9734AB

 FFBEFF

 7B1490

 FFDBFF

 600076

 FFF8FF

 45005D

 2D0045

 0A002D

 000117

 000000

 D06BE3

 D06BE3

 CC54E3

 D482E3

 C93EE3

 D798E3

 C527E3

 DBAFE3

 C210E3

 DEC6E3

 BF00E3

 E2DCE3

 E6F3E3

 E9FFE3

 EDFFE3

 F0FFE3

Harmonies

Analogous

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



6E8AFF



D06BE3



FD51A7

Triad

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



D06BE3



BF8B00



00B1C3

Complementary

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



D06BE3



7EE36B

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.



00B081



D06BE3



839F00

Square

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



D06BE3



EC6F2C



20AA3F



00ACF9

Rectangle

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



D06BE3



FF4F7C



20AA3F



00B1AD

Sweetspot

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



D06BE3



F9D6FF



6B7FE3



7C6780



000000



808080

Same Dimension

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



D06BE3



E65EFF



E36BBB



716773



9600B3



2B0033

Inverse Universe

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



E36B7E



FF5E78



6BE393



736769



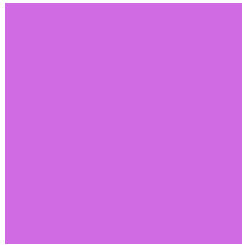
B3001C



330008

Previews

White Background



This preview shows how the Hex color D06BE3 looks on a white background.

Color Contrast Check

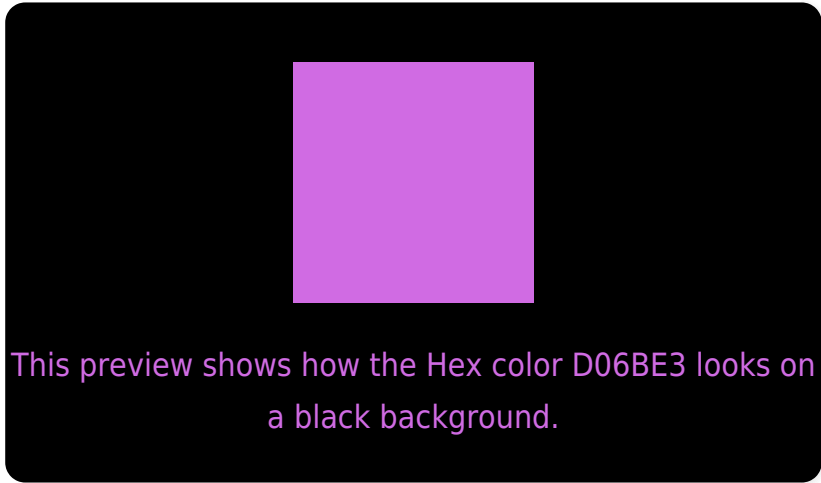
Large Text (above 18pt) WCAG AA ✓ Pass

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

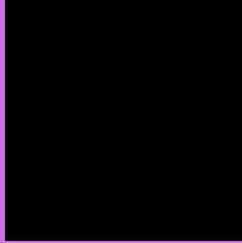
Any Text WCAG AA ✓ Pass

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 D06BE3 Background



This preview shows how black text looks on a background with the Hex color D06BE3.

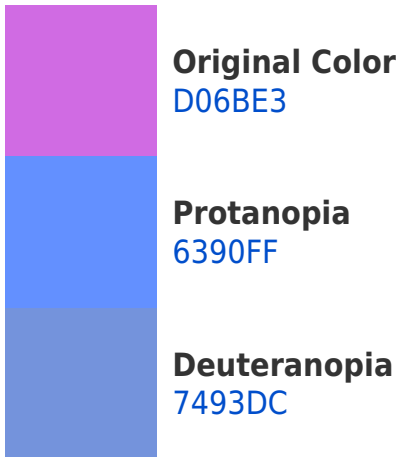


This preview shows how white text looks on a background with the Hex color D06BE3.

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
C4818B

Trichromacy



Original Color
D06BE3



Protanomaly
8B83F5



Deuteranomaly
9584DF



Tritanomaly
C879AB

Monochromacy



Original Color
D06BE3



Achromatopsia
979797



Achromatomaly
AC87B3

CSS Examples

Text

The CSS property to change the color of the text to Hex D06BE3 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 #D06BE3 looks like.

```
.text, #text, p{  
    color:#D06BE3  
}
```

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 #D06BE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D06BE3
}
```

Border

The CSS property to change the border of an element to Hex D06BE3 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
#D06BE3 }
```

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

```
.border{ border-color:#D06BE3 }
```

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

Here you see how a box with a 4 pixel #D06BE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D06BE3; -webkit-box-shadow:4px 4px  
4px 4px #D06BE3; box-shadow:4px 4px 4px  
4px #D06BE3 }
```

Background

The CSS property to change the background color of an element to Hex D06BE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D06BE3 }
```

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

```
.background{ background-color:#D06BE3 }
```

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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