

# Converting Colors

Hex(D062CC)

Have a look what the booklet for  
Hex(D062CC) contains.

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# Color

Hex(D062CC)

# Conversions

## Conversions Part 1

Format	Color
Hex	D062CC
RGB	208, 98, 204
RGB Percent	82%, 38%, 80%
CMY	0.1843, 0.6157, 0.2000
CMYK	0.00, 0.53, 0.02, 0.18
HSL	302°, 54%, 60%
HSV	302°, 53%, 82%
XYZ	41.2792, 26.5049, 60.0670
YIQ	142.9740, 31.5340, 56.2860

# Conversions

## Conversions Part 2

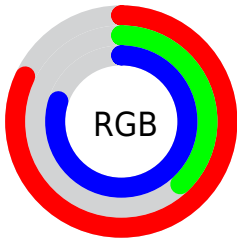
Format	Color
R <sub>Y</sub> B	208, 98, 204
Decimal	13656780
CIE Lab	58.51, 57.47, -35.56
CIE LCh	59, 67.580, 328.253
Yxy	26.5049, 0.3229, 0.2073
Android (android.graphics.Color)	4291846860 (0xFFD062CC)
YUV	142.9740, 30.0858, 57.0278
Hunter-Lab	51.4829, 53.0269, -33.1378

# Details

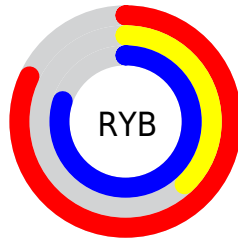
The Hex color **D062CC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **62D066**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF99FF**, and **972A95** is the 20% darker color. If you saturate the color by 10%, you get **D04DCB**, and if you desaturate by 10%, it is **D077CD**.

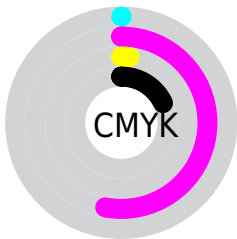
# Distribution



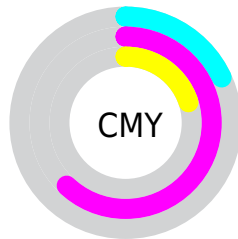
- Red (82%)
- Green (38%)
- Blue (80%)



- Red (82%)
- Yellow (38%)
- Blue (80%)



- Cyan (0%)
- Magenta (53%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (62%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D062CC 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 D062CC by changing the saturation by 10% instead.



 D062CC

 D062CC

FFFFFF

 B347B0

 FF99FF

 972A95

 FFB5FF

 7B007B

 FFD2FF

 600062

 FFEFFF

 46004A

 2E0033

 03001C

 000000

 D062CC

 D062CC

 D04DCB

 D077CD

 D038CA

 D08CCE

 D024CA

 D0A0CE

 D00FC9

 D0B5CF

 D000C8

 D0CAD0

 D0DFD1

 D0F4D1

 D0FFD2

 D0FFD3

# Harmonies

## Analogous

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



837EF6



D062CC



F24E93

# Triad

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



D062CC



AB8900



00A7C3

# Complementary

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



D062CC



62D066

# 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.



00A787



D062CC



719A0B

# Square

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



D062CC



D87123



00A34A



00A2F1

# Rectangle

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



D062CC



F6516B



00A34A



00A8B0



# Sweetspot

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



D062CC



FFD6FE



6662D0



80677F



000000



808080



# Same Dimension

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



D062CC



FF5EF9



D06295



695E68



A800A2



290027



# Inverse Universe

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



D062CC



FF5EF9



62D09D



695E68



A800A2

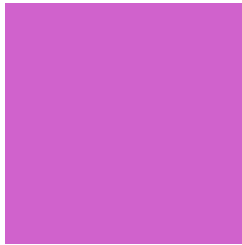


290027



# Previews

## White Background



This preview shows how the Hex color D062CC looks on a white background.

## Color Contrast Check

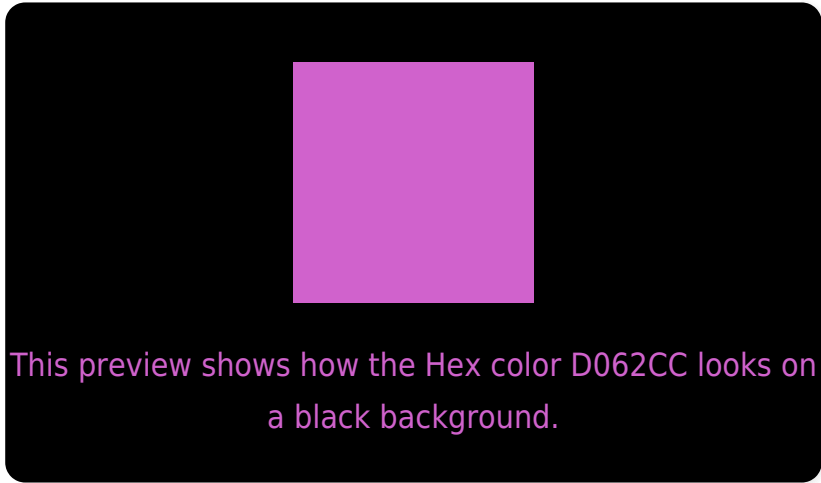
Large Text (above 18pt) WCAG AA ✓ Pass

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

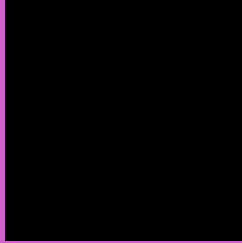
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D062CC Background



This preview shows how black text looks on a background with the Hex color D062CC.

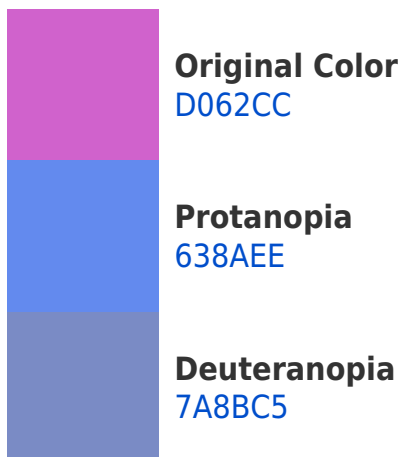


This preview shows how white text looks on a background with the Hex color D062CC.

# 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**  
C7757E

# Trichromacy



**Original Color**  
D062CC



**Protanomaly**  
8B7BE2



**Deuteranomaly**  
997CC8



**Tritanomaly**  
CA6E9A

# Monochromacy



**Original Color**  
D062CC



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
A77FA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D062CC 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 #D062CC looks like.

```
.text, #text, p{  
    color:#D062CC  
}
```

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 #D062CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D062CC
}
```

## Border

The CSS property to change the border of an element to Hex D062CC 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
#D062CC }
```

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

```
.border{ border-color:#D062CC }
```

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

Here you see how a box with a 4 pixel #D062CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D062CC; -webkit-box-shadow:4px 4px  
4px 4px #D062CC; box-shadow:4px 4px 4px  
4px #D062CC }
```

# Background

The CSS property to change the background color of an element to Hex D062CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D062CC }
```

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

```
.background{ background-color:#D062CC }
```

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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