

Converting Colors

Hex(D66BCB)

Have a look what the booklet for
Hex(D66BCB) contains.

Hex(D66BCB)	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(D66BCB)

Conversions

Conversions Part 1

Format	Color
Hex	D66BCB
RGB	214, 107, 203
RGB Percent	84%, 42%, 80%
CMY	0.1608, 0.5804, 0.2039
CMYK	0.00, 0.50, 0.05, 0.16
HSL	306°, 57%, 63%
HSV	306°, 50%, 84%
XYZ	43.7687, 29.1233, 59.8144
YIQ	149.9370, 32.9560, 52.5400

Conversions

Conversions Part 2

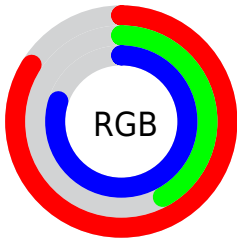
Format	Color
R_{YB}	214, 107, 203
Decimal	14052299
CIE _{Lab}	60.89, 54.69, -31.23
CIE _{LCh}	61, 62.976, 330.271
Yxy	29.1233, 0.3298, 0.2195
Android (android.graphics.Color)	4292242379 (0xFFD66BCB)
YUV	149.9370, 26.1601, 56.1833
Hunter-Lab	53.9660, 50.3305, -27.9391

Details

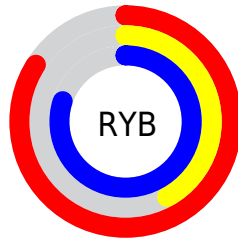
The Hex color **D66BCB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6BD676**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFA2FF**, and **9D3495** is the 20% darker color. If you saturate the color by 10%, you get **D656C9**, and if you desaturate by 10%, it is **D680CD**.

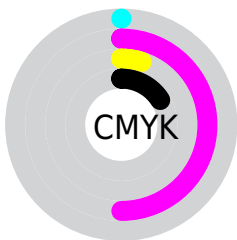
Distribution



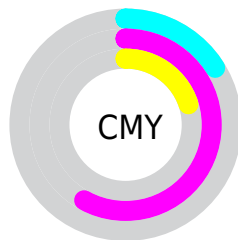
- Red (84%)
- Green (42%)
- Blue (80%)



- Red (84%)
- Yellow (42%)
- Blue (80%)



- Cyan (0%)
- Magenta (50%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (58%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color D66BCB 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 D66BCB by changing the saturation by 10% instead.

 D66BCB

 D66BCB


FFFFFF

 B950AF

 FFA2FF

 9D3495

 FFBEFF

 81147A

 FFDBFF

 660061

 FFF8FF

 4C0049

 340032

 14001C

 000000

 D66BCB

 D66BCB

 D656C9

 D680CD

 D640C7

 D696CF

 D62BC4

 D6ABD2

 D615C2

 D6C1D4

 D600C0

 D6D6D6

 D6EBD8

 D6FFDA

 D6FFDD

 D6FFDF

Harmonies

Analogous

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



9284F4



D66BCB



F45C95

Triad

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



D66BCB



AE900E



00ACCA

Complementary

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



D66BCB



6BD676

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.



00AD92



D66BCB



77A027

Square

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



D66BCB



D97B2F



0DA959



00A7F3

Rectangle

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



D66BCB



F75F70



0DA959



00ADB8

Sweetspot

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



D66BCB



FFD9FB



766BD6



80697D



000000



808080

Same Dimension

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



D66BCB



FF66EF



D66B96



6B606A



AB0099



2B0027

Inverse Universe

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



D66BCB



FF66EF



6BD6AB



6B606A



AB0099



2B0027

Previews

White Background



This preview shows how the Hex color D66BCB looks on a white background.

Color Contrast Check

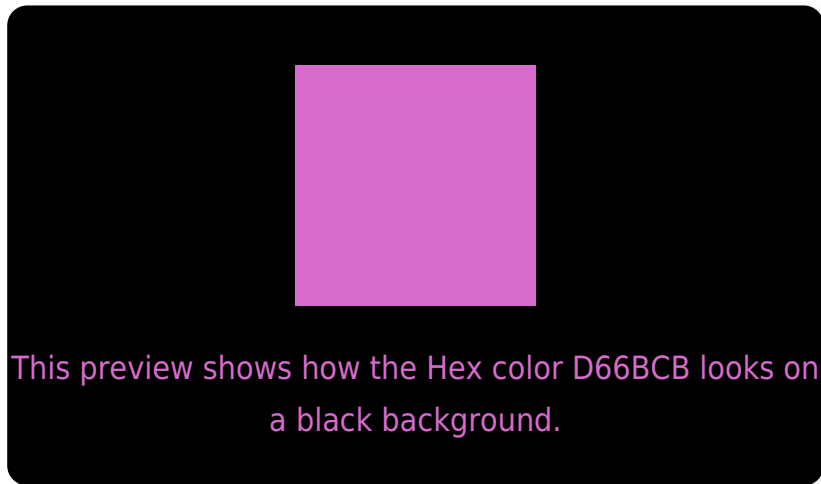
Large Text (above 18pt) WCAG AA ✓ Pass

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 D66BCB Background



This preview shows how black text looks on a background with the Hex color D66BCB.

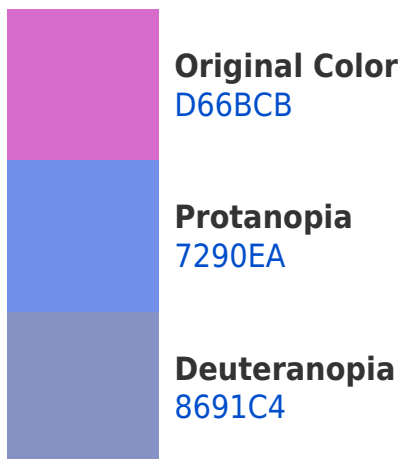


This preview shows how white text looks on a background with the Hex color D66BCB.

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](#).

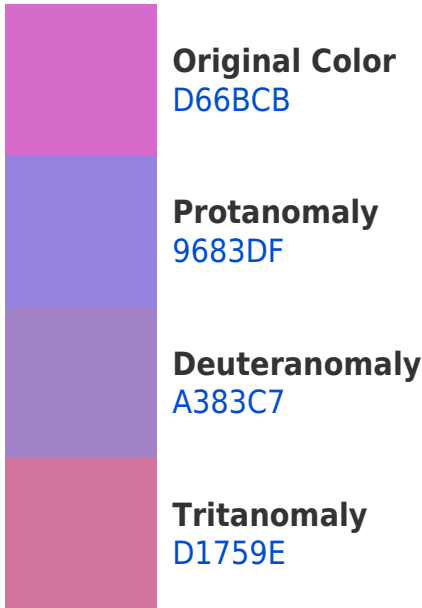
Dichromacy



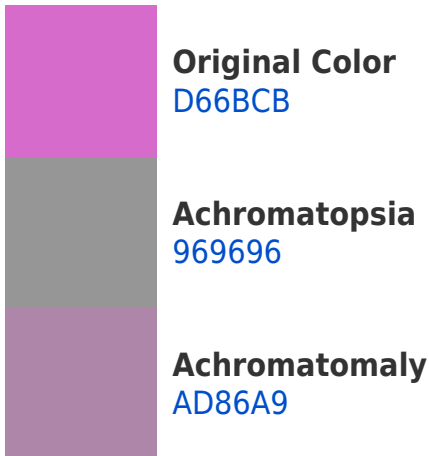


Tritanopia
CE7B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D66BCB 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 #D66BCB looks like.

```
.text, #text, p{  
    color:#D66BCB  
}
```

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 #D66BCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D66BCB
}
```

Border

The CSS property to change the border of an element to Hex D66BCB 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
#D66BCB }
```

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

```
.border{ border-color:#D66BCB }
```

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

Here you see how a box with a 4 pixel #D66BCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D66BCB; -webkit-box-shadow:4px 4px  
4px 4px #D66BCB; box-shadow:4px 4px 4px  
4px #D66BCB }
```

Background

The CSS property to change the background color of an element to Hex D66BCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D66BCB }
```

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

```
.background{ background-color:#D66BCB }
```

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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