

Converting Colors

Hex(D66BB9)

Have a look what the booklet for
Hex(D66BB9) contains.

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Color

Hex(D66BB9)

Conversions

Conversions Part 1

Format	Color
Hex	D66BB9
RGB	214, 107, 185
RGB Percent	84%, 42%, 73%
CMY	0.1608, 0.5804, 0.2745
CMYK	0.00, 0.50, 0.14, 0.16
HSL	316°, 57%, 63%
HSV	316°, 50%, 84%
XYZ	41.7462, 28.3143, 49.1639
YIQ	147.8850, 38.7340, 46.9420

Conversions

Conversions Part 2

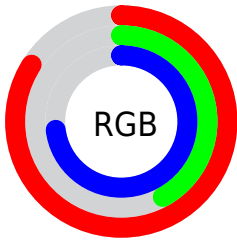
Format	Color
R_{YB}	214, 107, 185
Decimal	14052281
CIE _{Lab}	60.17, 51.74, -22.10
CIE _{LCh}	60, 56.267, 336.868
Yxy	28.3143, 0.3501, 0.2375
Android (android.graphics.Color)	4292242361 (0xFFD66BB9)
YUV	147.8850, 18.2977, 57.9829
Hunter-Lab	53.2112, 46.9204, -17.5325

Details

The Hex color **D66BB9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6BD688**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFA2F1**, and **9D3584** is the 20% darker color. If you saturate the color by 10%, you get **D656B3**, and if you desaturate by 10%, it is **D680BF**.

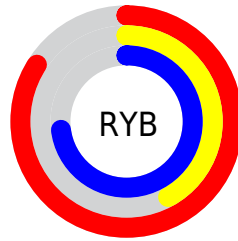
Distribution



Red (84%)

Green (42%)

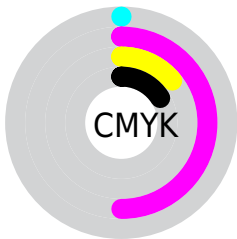
Blue (73%)



Red (84%)

Yellow (42%)

Blue (73%)

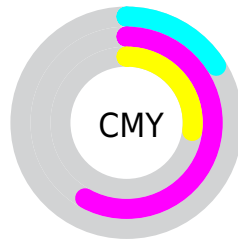


Cyan (0%)

Magenta (50%)

Yellow (14%)

Black (16%)



Cyan (16%)

Magenta (58%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color D66BB9 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 D66BB9 by changing the saturation by 10% instead.

 D66BB9

 D66BB9


FFFFFF

 B9509E

 FFA2F1

 9D3584

 FFBEFF

 81166A


 FFDAFF

 660052

 FFF8FF

 4C003B

 350025

 11000D

 000000

 D66BB9

 D66BB9

 D656B3

 D680BF

 D640AD

 D696C5

 D62BA8

 D6ABCA

 D615A2

 D6C1D0

 D6009C

 D6D6D6

 D6EBDC

 D6FFE2

 D6FFE7

 D6FFED

Harmonies

Analogous

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



A27FE1



D66BB9



EB6388

Triad

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



D66BB9



A19225



00A8CB

Complementary

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



D66BB9



6BD688

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.



00A99B



D66BB9



6C9F3C

Square

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



D66BB9



CA8033



00A668



00A1EC

Rectangle

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



D66BB9



EA6867



00A668



00A9BC

Sweetspot

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



D66BB9



FFD9F5



886BD6



806979



000000



808080

Same Dimension

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



D66BB9



FF66D6



D66B84



6B6068



AB007D



2B0020

Inverse Universe

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



D66BB9



FF66D6



6BD6BD



6B6068



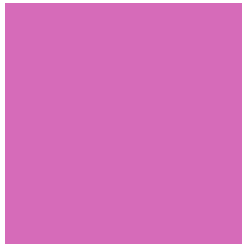
AB007D



2B0020

Previews

White Background



This preview shows how the Hex color D66BB9 looks on a white background.

Color Contrast Check

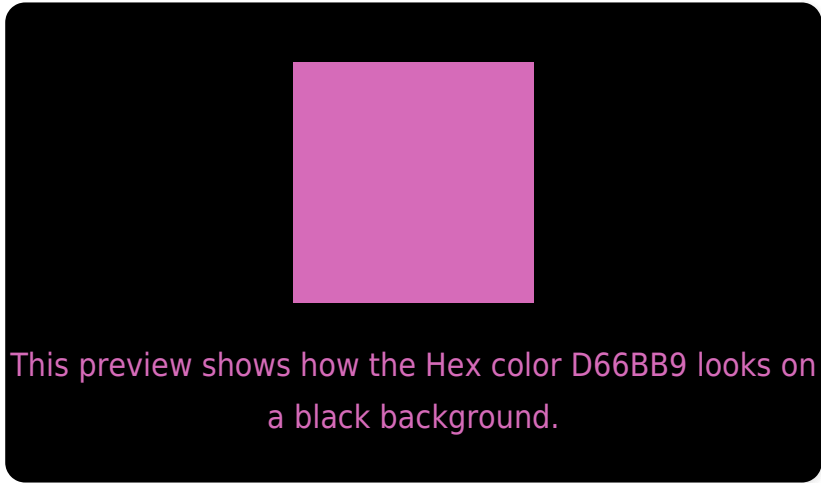
Large Text (above 18pt) WCAG AA ✓ Pass

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 D66BB9 Background



This preview shows how black text looks on a background with the Hex color D66BB9.

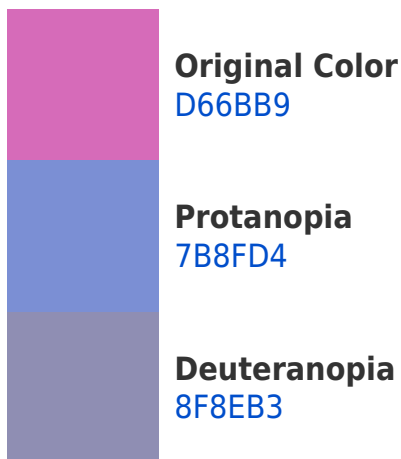


This preview shows how white text looks on a background with the Hex color D66BB9.

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
D07780

Trichromacy



Original Color
D66BB9



Protanomaly
9C82CA



Deuteranomaly
A981B5

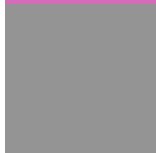


Tritanomaly
D27395

Monochromacy



Original Color
D66BB9



Achromatopsia
949494



Achromatomaly
AC85A1

CSS Examples

Text

The CSS property to change the color of the text to Hex D66BB9 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 #D66BB9 looks like.

```
.text, #text, p{  
    color:#D66BB9  
}
```

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 #D66BB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D66BB9
}
```

Border

The CSS property to change the border of an element to Hex D66BB9 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
#D66BB9 }
```

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

```
.border{ border-color:#D66BB9 }
```

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

Here you see how a box with a 4 pixel #D66BB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D66BB9; -webkit-box-shadow:4px 4px  
4px 4px #D66BB9; box-shadow:4px 4px 4px  
4px #D66BB9 }
```

Background

The CSS property to change the background color of an element to Hex D66BB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D66BB9 }
```

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

```
.background{ background-color:#D66BB9 }
```

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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