

Converting Colors

Hex(D66BBF)

Have a look what the booklet for
Hex(D66BBF) contains.

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Color

Hex(D66BBF)

Conversions

Conversions Part 1

Format	Color
Hex	D66BBF
RGB	214, 107, 191
RGB Percent	84%, 42%, 75%
CMY	0.1608, 0.5804, 0.2510
CMYK	0.00, 0.50, 0.11, 0.16
HSL	313°, 57%, 63%
HSV	313°, 50%, 84%
XYZ	42.3932, 28.5731, 52.5710
YIQ	148.5690, 36.8080, 48.8080

Conversions

Conversions Part 2

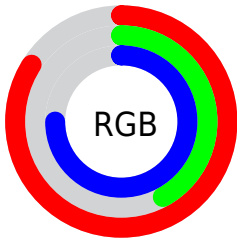
Format	Color
R _Y B	214, 107, 191
Decimal	14052287
CIE Lab	60.40, 52.70, -25.17
CIE LCh	60, 58.402, 334.469
Yxy	28.5731, 0.3432, 0.2313
Android (android.graphics.Color)	4292242367 (0xFFD66BBF)
YUV	148.5690, 20.9185, 57.3830
Hunter-Lab	53.4538, 48.0208, -20.8931

Details

The Hex color **D66BBF** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6BD682**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFA2F8**, and **9D3589** is the 20% darker color. If you saturate the color by 10%, you get **D656BA**, and if you desaturate by 10%, it is **D680C4**.

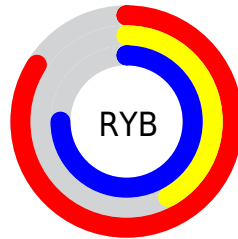
Distribution



Red (84%)

Green (42%)

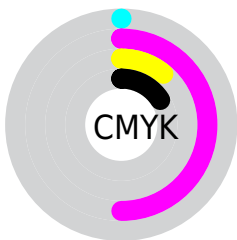
Blue (75%)



Red (84%)

Yellow (42%)

Blue (75%)

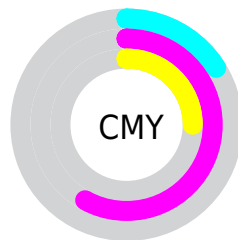


Cyan (0%)

Magenta (50%)

Yellow (11%)

Black (16%)



Cyan (16%)

Magenta (58%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color D66BBF 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 D66BBF by changing the saturation by 10% instead.

 D66BBF

 D66BBF

FFFFFF

 B950A4

 FFA2F8

 9D3589

 FFBEFF

 811570

 FFDBFF

 660057

 FFF8FF

 4C003F

 35002A

 120013

 000000

 D66BBF

 D66BBF

 D656BA

 D680C4

 D640B6

 D696C8

 D62BB1

 D6ABCD

 D615AD

 D6C1D1

 D600A8

 D6D6D6

 D6EBDB

 D6FFDF

 D6FFE4

 D6FFE8

Harmonies

Analogous

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



9D81E7



D66BBF



EE618C

Triad

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



D66BBF



A5921F



00A9CB

Complementary

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



D66BBF



6BD682

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.



00AA98



D66BBF



709F36

Square

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



D66BBF



CF7F32



01A763



00A3EE

Rectangle

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



D66BBF



EE656A



01A763



00AABB

Sweetspot

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



D66BBF



FFD9F7



806BD6



80697B



000000



808080

Same Dimension

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



D66BBF



FF66DE



D66B8B



6B6069



AB0086



2B0022

Inverse Universe

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



D66BBF



FF66DE



6BD6B6



6B6069



AB0086



2B0022

Previews

White Background



This preview shows how the Hex color D66BBF looks on a white background.

Color Contrast Check

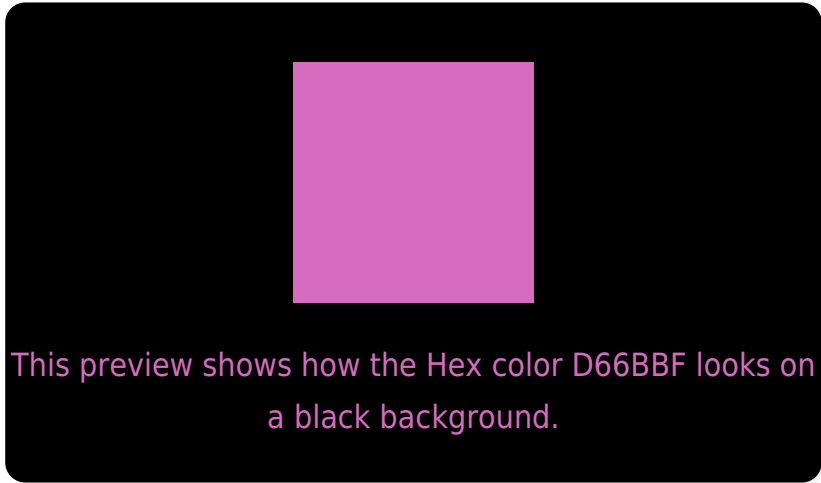
Large Text (above 18pt) WCAG AA ✓ Pass

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

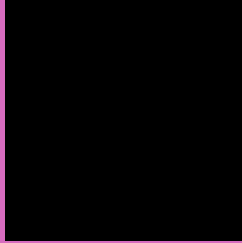
Any Text WCAG AA ✓ Pass

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 D66BBF Background



This preview shows how black text looks on a background with the Hex color D66BBF.



This preview shows how white text looks on a background with the Hex color D66BBF.

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
CF7982

Trichromacy



Original Color
D66BBF



Protanomaly
9A83D1



Deuteranomaly
A782BB

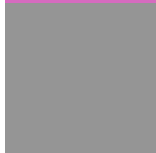


Tritanomaly
D27498

Monochromacy



Original Color
D66BBF



Achromatopsia
959595



Achromatomaly
AD86A4

CSS Examples

Text

The CSS property to change the color of the text to Hex D66BBF 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 #D66BBF looks like.

```
.text, #text, p{  
    color:#D66BBF  
}
```

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 #D66BBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D66BBF
}
```

Border

The CSS property to change the border of an element to Hex D66BBF is called "border". The border property can be set on classes, ids or directly on the HTML element.

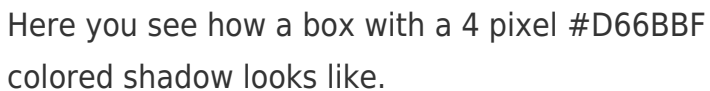
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D66BBF }
```

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

```
.border{ border-color:#D66BBF }
```

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



Here you see how a box with a 4 pixel #D66BBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D66BBF; -webkit-box-shadow:4px 4px  
4px 4px #D66BBF; box-shadow:4px 4px 4px  
4px #D66BBF }
```

Background

The CSS property to change the background color of an element to Hex D66BBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D66BBF }
```

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

```
.background{ background-color:#D66BBF }
```

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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