

Converting Colors

Hex(D86FCB)

Have a look what the booklet for
Hex(D86FCB) contains.

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Color

Hex(D86FCB)

Conversions

Conversions Part 1

Format	Color
Hex	D86FCB
RGB	216, 111, 203
RGB Percent	85%, 44%, 80%
CMY	0.1529, 0.5647, 0.2039
CMYK	0.00, 0.49, 0.06, 0.15
HSL	307°, 57%, 64%
HSV	307°, 49%, 85%
XYZ	44.7828, 30.2796, 59.9841
YIQ	152.8830, 33.0480, 50.8720

Conversions

Conversions Part 2

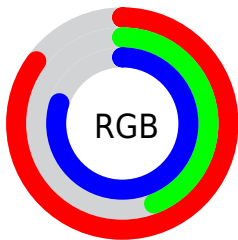
Format	Color
R _Y B	216, 111, 203
Decimal	14184395
CIE Lab	61.89, 53.32, -29.65
CIE LCh	62, 61.008, 330.919
Yxy	30.2796, 0.3316, 0.2242
Android (android.graphics.Color)	4292374475 (0xFFD86FCB)
YUV	152.8830, 24.7077, 55.3536
Hunter-Lab	55.0269, 48.9725, -26.1125

Details

The Hex color **D86FCB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6FD87C**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FFA6FF**, and **9F3995** is the 20% darker color. If you saturate the color by 10%, you get **D859C8**, and if you desaturate by 10%, it is **D885CE**.

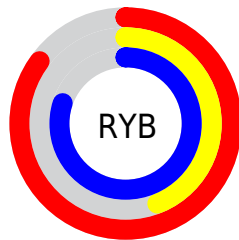
Distribution



Red (85%)

Green (44%)

Blue (80%)



Red (85%)

Yellow (44%)

Blue (80%)

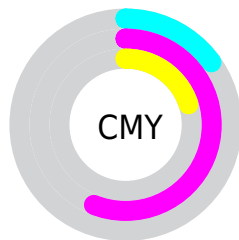


Cyan (0%)

Magenta (49%)

Yellow (6%)

Black (15%)



Cyan (15%)

Magenta (56%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color D86FCB 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 D86FCB by changing the saturation by 10% instead.

 D86FCB

 D86FCB

FFFFFF

 BB54AF

 FFA6FF

 9F3995

 FFC2FF

 831B7B

 FFDFFF

 680061

 FFFCFF

 4E0049

 360032

 18001C

 000000

 D86FCB

 D86FCB

 D859C8

 D885CE

 D844C6

 D89AD0

 D82EC3

 D8B0D3

 D819C0

 D8C5D6

 D803BE

 D8DBD8

 D800BD

 D8F1DB

 D8FFDE

 D8FFE0

 D8FFE3

Harmonies

Analogous

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



9886F3



D86FCB



F56296

Triad

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



D86FCB



B0931B



00AECC

Complementary

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



D86FCB



6FD87C

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.



00AF96



D86FCB



79A230

Square

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



D86FCB



DA7F35



1CAB5E



00A8F4

Rectangle

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



D86FCB



F76572



1CAB5E



00AFBB

Sweetspot

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



D86FCB



FFD9FA



7B6FD8



80697D



000000



808080

Same Dimension

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



D86FCB



FF6BED



D86F97



6B606A



AB0096



2B0026

Inverse Universe

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



D86FCB



FF6BED



6FD8B0



6B606A



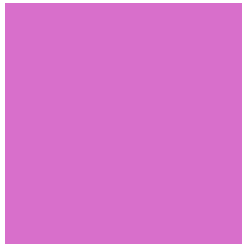
AB0096



2B0026

Previews

White Background



This preview shows how the Hex color D86FCB looks on a white background.

Color Contrast Check

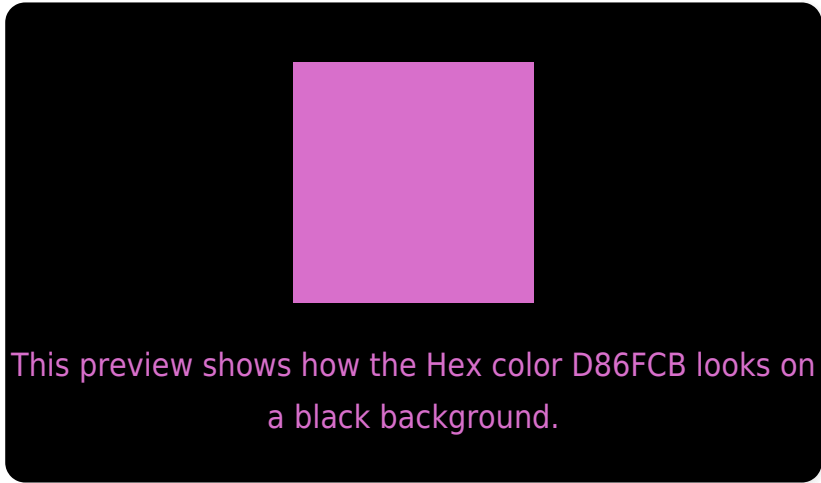
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex D86FCB Background



This preview shows how black text looks on a background with the Hex color D86FCB.

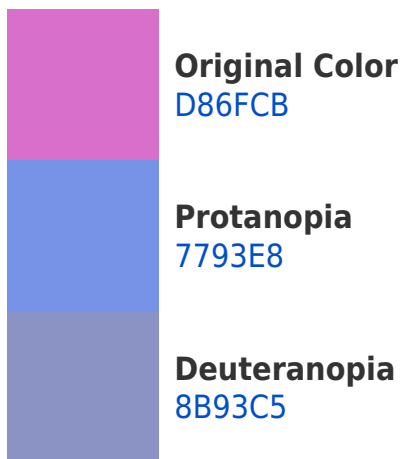


This preview shows how white text looks on a background with the Hex color D86FCB.

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](#).

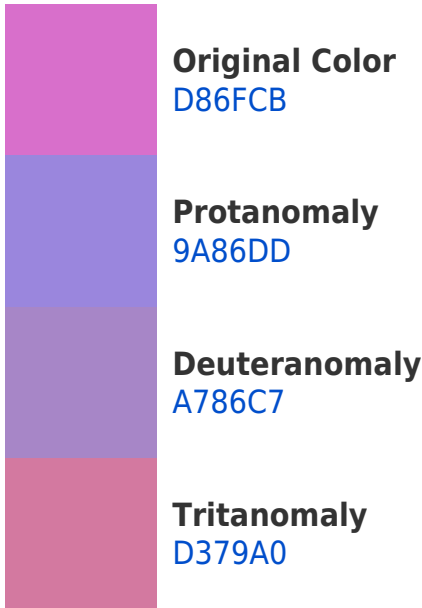
Dichromacy



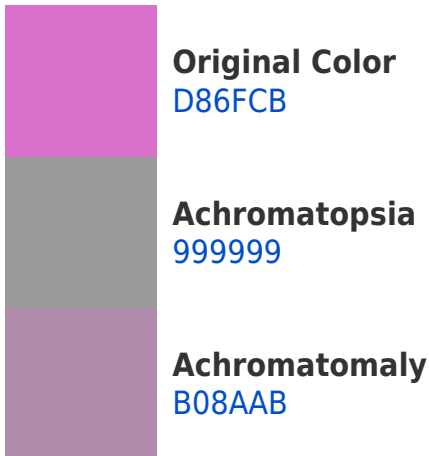


Tritanopia
D07E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D86FCB 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 #D86FCB looks like.

```
.text, #text, p{  
  color:#D86FCB  
}
```

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 #D86FCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86FCB
}
```

Border

The CSS property to change the border of an element to Hex D86FCB 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
#D86FCB }
```

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

```
.border{ border-color:#D86FCB }
```

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

Here you see how a box with a 4 pixel #D86FCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86FCB; -webkit-box-shadow:4px 4px  
4px 4px #D86FCB; box-shadow:4px 4px 4px  
4px #D86FCB }
```

Background

The CSS property to change the background color of an element to Hex D86FCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86FCB }
```

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

```
.background{ background-color:#D86FCB }
```

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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