

# Converting Colors

Hex(DD6FC9)

Have a look what the booklet for  
Hex(DD6FC9) contains.

<b>Hex(DD6FC9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(DD6FC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DD6FC9
RGB	221, 111, 201
RGB Percent	87%, 44%, 79%
CMY	0.1333, 0.5647, 0.2118
CMYK	0.00, 0.50, 0.09, 0.13
HSL	311°, 62%, 65%
HSV	311°, 50%, 87%
XYZ	46.0458, 30.9581, 58.8070
YIQ	154.1500, 36.6700, 51.3100

# Conversions

## Conversions Part 2

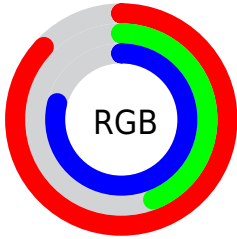
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 111, 201
Decimal	14512073
CIE <sub>Lab</sub>	62.47, 54.45, -27.58
CIE <sub>LCh</sub>	62, 61.037, 333.140
Yxy	30.9581, 0.3390, 0.2279
Android (android.graphics.Color)	4292702153 (0xFFDD6FC9)
YUV	154.1500, 23.0971, 58.6275
Hunter-Lab	55.6400, 50.3509, -23.7167

# Details

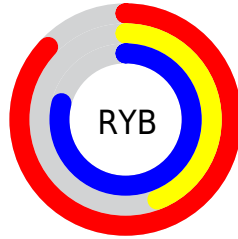
The Hex color **DD6FC9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6FDD83**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFA6FF**, and **A43893** is the 20% darker color. If you saturate the color by 10%, you get **DD59C5**, and if you desaturate by 10%, it is **DD85CD**.

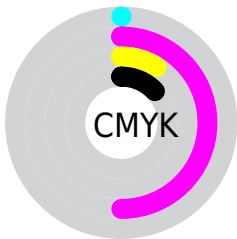
# Distribution



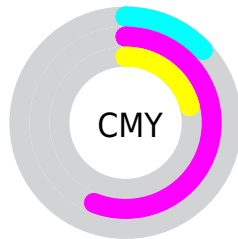
- Red (87%)
- Green (44%)
- Blue (79%)



- Red (87%)
- Yellow (44%)
- Blue (79%)



- Cyan (0%)
- Magenta (50%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (56%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DD6FC9 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 DD6FC9 by changing the saturation by 10% instead.



 DD6FC9

 DD6FC9

FFFFFF

 C054AD

 FFA6FF

 A43893

 FFC2FF

 881979

 FFDFFF

 6C0060

 FFFDFF

 520048

 390031

 1D001B

 000000

 DD6FC9

 DD6FC9

 DD59C5

 DD85CD

 DD43C1

 DD9BD1

 DD2DBD

 DDB1D5

 DD17B9

 DDC7D9

 DD01B5

 DDDEDD

 DD00B5

 DDF4E1

 DDFFE5

 DDFFE9

 DDF FED

# Harmonies

## Analogous

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



9F86F2



DD6FC9



F86394

# Triad

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



DD6FC9



AE961C



00B0D1

# Complementary

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



DD6FC9



6FDD83

# 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.



00B19B



DD6FC9



76A534

# Square

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



DD6FC9



D98233



08AD64



00A9F7

# Rectangle

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



DD6FC9



F86770



08AD64



00B1C0



# Sweetspot

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



DD6FC9



FFD9F8



816FDD



80697B



000000



808080



# Same Dimension

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



DD6FC9



FF66E3



DD6F94



6E636C



AD008E



2E0026



# Inverse Universe

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



DD6FC9



FF66E3



6FDDB8



6E636C



AD008E

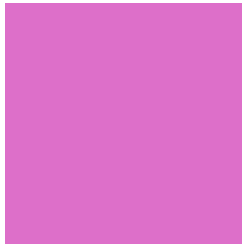


2E0026



# Previews

## White Background



This preview shows how the Hex color DD6FC9 looks on a white background.

## Color Contrast Check

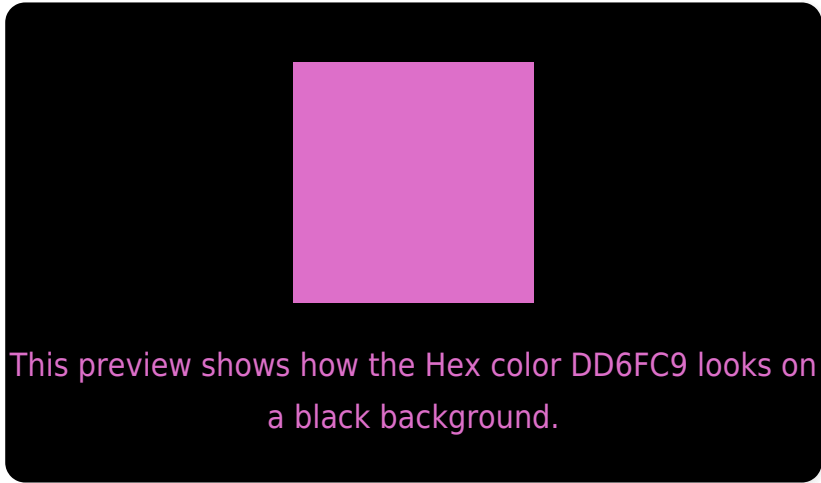
Large Text (above 18pt) WCAG AA × Fail

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

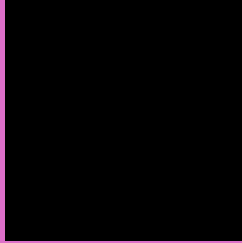
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DD6FC9 Background



This preview shows how black text looks on a background with the Hex color DD6FC9.

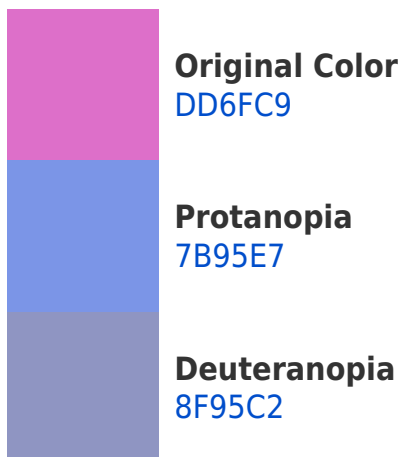


This preview shows how white text looks on a background with the Hex color DD6FC9.

# 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**  
D67E87

# Trichromacy



**Original Color**  
DD6FC9



**Protanomaly**  
9F87DC



**Deuteranomaly**  
AB87C5

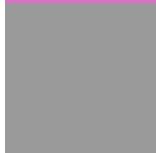


**Tritanomaly**  
D9799F

# Monochromacy



**Original Color**  
DD6FC9



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
B28AAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DD6FC9 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 #DD6FC9 looks like.

```
.text, #text, p{  
    color:#DD6FC9  
}
```

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 #DD6FC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD6FC9
}
```

## Border

The CSS property to change the border of an element to Hex DD6FC9 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
#DD6FC9 }
```

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

```
.border{ border-color:#DD6FC9 }
```

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

Here you see how a box with a 4 pixel #DD6FC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD6FC9; -webkit-box-shadow:4px 4px  
4px 4px #DD6FC9; box-shadow:4px 4px 4px  
4px #DD6FC9 }
```

# Background

The CSS property to change the background color of an element to Hex DD6FC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD6FC9 }
```

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

```
.background{ background-color:#DD6FC9 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor