

# Converting Colors

Hex(D35BFC)

Have a look what the booklet for  
Hex(D35BFC) contains.

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# Color

Hex(D35BFC)

# Conversions

## Conversions Part 1

Format	Color
Hex	D35BFC
RGB	211, 91, 252
RGB Percent	83%, 36%, 99%
CMY	0.1725, 0.6431, 0.0118
CMYK	0.16, 0.64, 0.00, 0.01
HSL	285°, 96%, 67%
HSV	285°, 64%, 99%
XYZ	48.1757, 28.3593, 95.0302
YIQ	145.2340, 19.8390, 75.5110

# Conversions

## Conversions Part 2

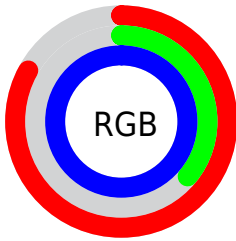
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 91, 252
Decimal	13851644
CIE Lab	60.21, 70.16, -59.73
CIE LCh	60, 92.140, 319.590
Yxy	28.3593, 0.2808, 0.1653
Android (android.graphics.Color)	4292041724 (0xFFD35BFC)
YUV	145.2340, 52.6356, 57.6768
Hunter-Lab	53.2535, 68.2864, -68.5249

# Details

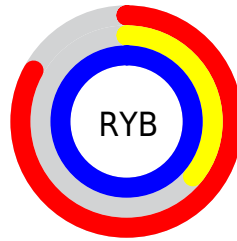
The Hex color **D35BFC** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **84FC5B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF94FF**, and **981AC3** is the 20% darker color. If you saturate the color by 10%, you get **CD42FC**, and if you desaturate by 10%, it is **D974FC**.

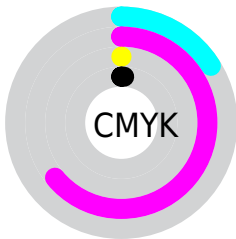
# Distribution



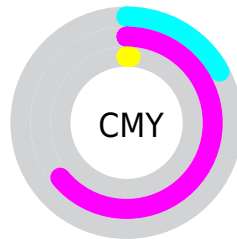
- Red (83%)
- Green (36%)
- Blue (99%)



- Red (83%)
- Yellow (36%)
- Blue (99%)



- Cyan (16%)
- Magenta (64%)
- Yellow (0%)
- Black (1%)



- Cyan (17%)
- Magenta (64%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D35BFC 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 D35BFC by changing the saturation by 10% instead.



 D35BFC

 D35BFC

FFFFFF

 B53DDF

 FF94FF

 981AC3

 FFB0FF

 7C00A7

 FFCDFD

 5F008C

 FFE8FF

 420071

 280058

 000040

 000328

 000112

 D35BFC

 D35BFC

 CD42FC

 D974FC

 C629FC

 E08DFC

 C00FFC

 E6A7FC

 BC00FC

 EDC0FC

 F3D9FC

 FAF2FC

FFFFFFC

# Harmonies

## Analogous

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



0989FF



D35BFC



FF16B1

# Triad

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



D35BFC



C78400



00B3C6

# Complementary

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



D35BFC



84FC5B

# 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.



00B171



D35BFC



7E9D00

# Square

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



D35BFC



FE5A00



00AB08



00B0FF

# Rectangle

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



D35BFC



FF007B



00AB08



00B3AA



# Sweetspot

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



D35BFC



F3CFFF



5B86FC



786280



000000



808080



# Same Dimension

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



D35BFC



CD3BFF



FC5BD6



7A707D



8D00BD



2E003D



# Inverse Universe

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



FC5B84



FF3B6D



5BFC81



7D7074



BD0030



3D0010



# Previews

## White Background



This preview shows how the Hex color D35BFC looks on a white background.

## Color Contrast Check

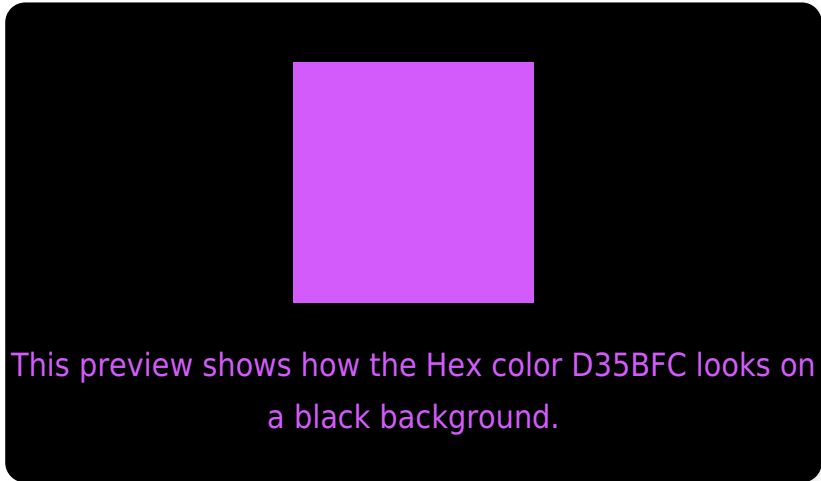
Large Text (above 18pt) WCAG AA ✓ Pass

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

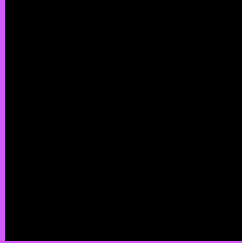
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D35BFC Background



This preview shows how black text looks on a background with the Hex color D35BFC.

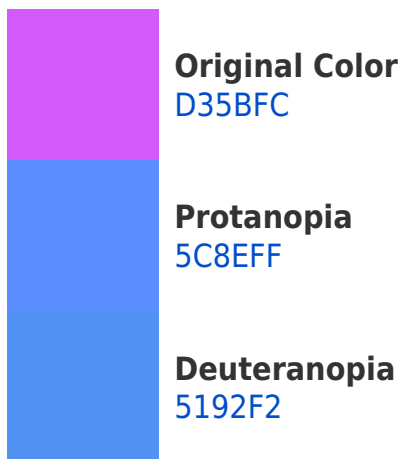


This preview shows how white text looks on a background with the Hex color D35BFC.

# 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**  
C27E87

# Trichromacy



**Original Color**  
D35BFC



**Protanomaly**  
877BFE



**Deuteranomaly**  
807EF6



**Tritanomaly**  
C871B2

# Monochromacy



**Original Color**  
D35BFC



**Achromatopsia**  
919191



**Achromatomaly**  
A97DB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D35BFC 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 #D35BFC looks like.

```
.text, #text, p{  
    color:#D35BFC  
}
```

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 #D35BFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D35BFC
}
```

## Border

The CSS property to change the border of an element to Hex D35BFC 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
#D35BFC }
```

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

```
.border{ border-color:#D35BFC }
```

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

Here you see how a box with a 4 pixel #D35BFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D35BFC; -webkit-box-shadow:4px 4px  
4px 4px #D35BFC; box-shadow:4px 4px 4px  
4px #D35BFC }
```

# Background

The CSS property to change the background color of an element to Hex D35BFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D35BFC }
```

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

```
.background{ background-color:#D35BFC }
```

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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