

Converting Colors

Hex(D16DFF)

Have a look what the booklet for
Hex(D16DFF) contains.

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Color

Hex(D16DFF)

Conversions

Conversions Part 1

Format	Color
Hex	D16DFF
RGB	209, 109, 255
RGB Percent	82%, 43%, 100%
CMY	0.1804, 0.5725, 0.0000
CMYK	0.18, 0.57, 0.00, 0.00
HSL	281°, 100%, 71%
HSV	281°, 57%, 100%
XYZ	49.8131, 31.7126, 98.1034
YIQ	155.5440, 12.7340, 66.6060

Conversions

Conversions Part 2

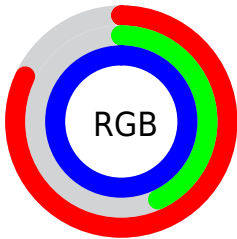
Format	Color
R _Y B	209, 109, 255
Decimal	13725183
CIE _{Lab}	63.10, 62.16, -56.78
CIE _{LCh}	63, 84.187, 317.587
Y _{xy}	31.7126, 0.2773, 0.1765
Android (android.graphics.Color)	4291915263 (0xFFD16DFF)
YUV	155.5440, 49.0318, 46.8809
Hunter-Lab	56.3139, 59.3448, -63.8682

Details

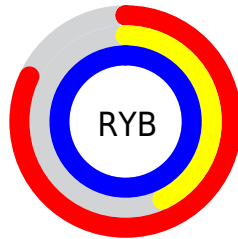
The Hex color **D16DFF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **9BFF6D**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFA4FF**, and **9735C5** is the 20% darker color. If you saturate the color by 10%, you get **C954FF**, and if you desaturate by 10%, it is **D987FF**.

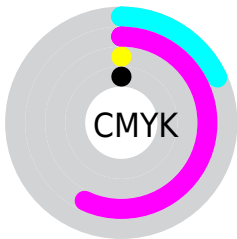
Distribution



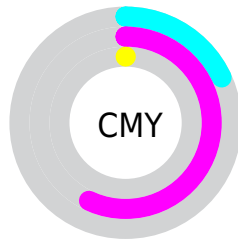
- Red (82%)
- Green (43%)
- Blue (100%)



- Red (82%)
- Yellow (43%)
- Blue (100%)



- Cyan (18%)
- Magenta (57%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (57%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D16DFF 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 D16DFF by changing the saturation by 10% instead.

 D16DFF

 D16DFF

FFFFFF

 B452E2

 FFA4FF

 9735C5

 FFC1FF

 7B14AA

 FFDEFF

 5F008F

 FFFBFF

 430074

 27005B

 000042

 00032B

 000115

 D16DFF

 D16DFF

 C954FF

 D987FF

 C13AFF

 E1A0FF

 B921FF

 E9BAFF

 B107FF

 F1D3FF

 AF00FF

 F9EDFF

FFFFFF

Harmonies

Analogous

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



3493FF



D16DFF



FF44BB

Triad

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



D16DFF



D28A00



00BAC4

Complementary

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



D16DFF



9BFF6D

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.



00B876



D16DFF



8FA300

Square

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



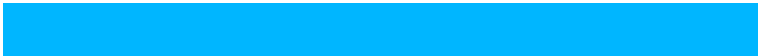
D16DFF



FF6628



1DB123



00B6FF

Rectangle

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



D16DFF



FF3A89



1DB123



00B9AA

Sweetspot

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



D16DFF



F1D4FF



6D9BFF



776680



000000



808080

Same Dimension

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



D16DFF



C84FFF



FF6DE4



7B7380



8300BF



2C0040

Inverse Universe

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



FF6D9B



FF4F86



6DFF88



807377



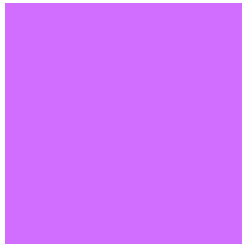
BF003C



400014

Previews

White Background



This preview shows how the Hex color D16DFF looks on a white background.

Color Contrast Check

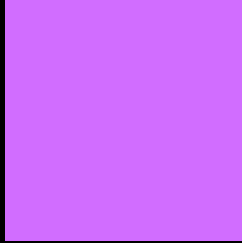
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color D16DFF looks on a 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 D16DFF Background



This preview shows how black text looks on a background with the Hex color D16DFF.

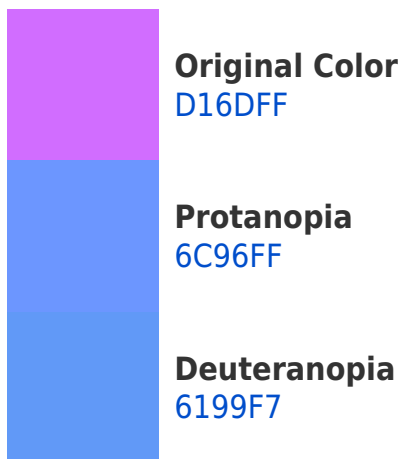



This preview shows how white text looks on a background with the Hex color D16DFF.

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](#).

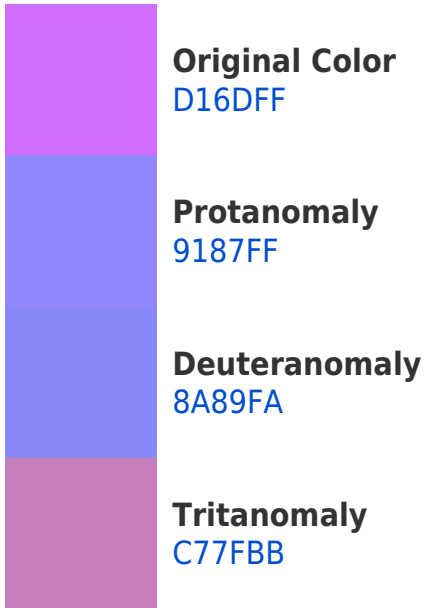
Dichromacy



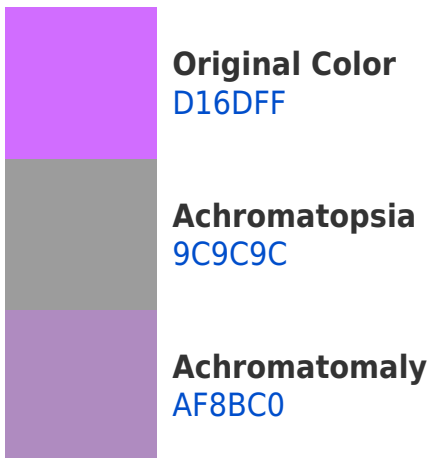


Tritanopia
C18A94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D16DFF 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 #D16DFF looks like.

```
.text, #text, p{  
    color:#D16DFF  
}
```

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 #D16DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D16DFF
}
```

Border

The CSS property to change the border of an element to Hex D16DFF 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
#D16DFF }
```

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

```
.border{ border-color:#D16DFF }
```

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

Here you see how a box with a 4 pixel #D16DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D16DFF; -webkit-box-shadow:4px 4px  
4px 4px #D16DFF; box-shadow:4px 4px 4px  
4px #D16DFF }
```

Background

The CSS property to change the background color of an element to Hex D16DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D16DFF }
```

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

```
.background{ background-color:#D16DFF }
```

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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