

Converting Colors

Hex(D84AFF)

Have a look what the booklet for
Hex(D84AFF) contains.

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Color

Hex(D84AFF)

Conversions

Conversions Part 1

Format	Color
Hex	D84AFF
RGB	216, 74, 255
RGB Percent	85%, 29%, 100%
CMY	0.1529, 0.7098, 0.0000
CMYK	0.15, 0.71, 0.00, 0.00
HSL	287°, 100%, 65%
HSV	287°, 71%, 100%
XYZ	48.8177, 26.7165, 97.1916
YIQ	137.0920, 26.5310, 86.3950

Conversions

Conversions Part 2

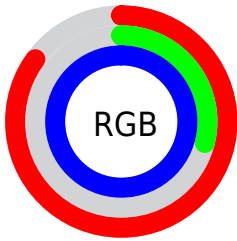
Format	Color
R _Y B	216, 74, 255
Decimal	14174975
CIE _{Lab}	58.71, 78.39, -63.76
CIE _{LCh}	59, 101.044, 320.878
Y _{xy}	26.7165, 0.2826, 0.1547
Android (android.graphics.Color)	4292365055 (0xFFD84AFF)
Y _{UV}	137.0920, 58.1286, 69.2023
Hunter-Lab	51.6880, 78.1336, -75.3044

Details

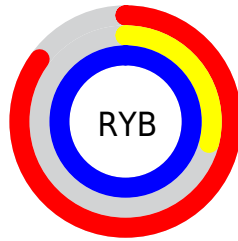
The Hex color **D84AFF** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **71FF4A**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF86FF**, and **9D00C5** is the 20% darker color. If you saturate the color by 10%, you get **D331FF**, and if you desaturate by 10%, it is **DD64FF**.

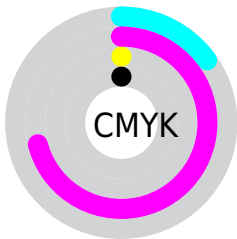
Distribution



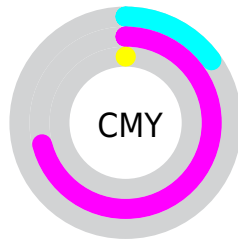
- Red (85%)
- Green (29%)
- Blue (100%)



- Red (85%)
- Yellow (29%)
- Blue (100%)



- Cyan (15%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D84AFF 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 D84AFF by changing the saturation by 10% instead.

 D84AFF

 D84AFF

FFFFFF

 BA27E2

 FF86FF

 9D00C5

 FFA3FF

 7F00A9

 FFC0FF

 62008E

 FFDEFF

 450074

 FFFCFF

 29005A

 000042

 00032A

 000115

 D84AFF

 D84AFF

 D331FF

 DD64FF

 CD17FF

 E37DFF

 C800FF

 E897FF

 EEBOFF

 F3CAFF

 F9E3FF

 FEFDFD

 FFFFFFFF

Harmonies

Analogous

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



0083FF



D84AFF



FF00AC

Triad

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



D84AFF



C28000



00B1CB

Complementary

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



D84AFF



71FF4A

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.



00AF6E



D84AFF



709B00

Square

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



D84AFF



FE4F00



00A900



00AEFF

Rectangle

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



D84AFF



FF0072



00A900



00B1AD

Sweetspot

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



D84AFF



F3C9FF



4A71FF



796080



000000



808080

Same Dimension

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



D84AFF



D026FF



FF4ACC



7D7380



9600BF



320040

Inverse Universe

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



FF4A71



FF2655



4AFF7D



807375



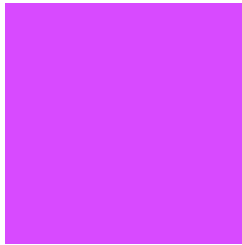
BF0029



40000E

Previews

White Background



This preview shows how the Hex color D84AFF 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

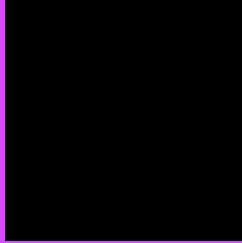
Any Text WCAG AA ✓ Pass

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 D84AFF Background



This preview shows how black text looks on a background with the Hex color D84AFF.

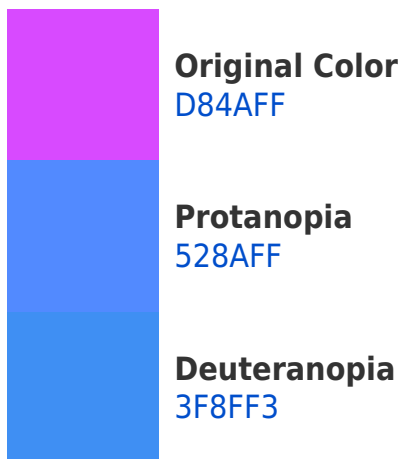



This preview shows how white text looks on a background with the Hex color D84AFF.

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](#).

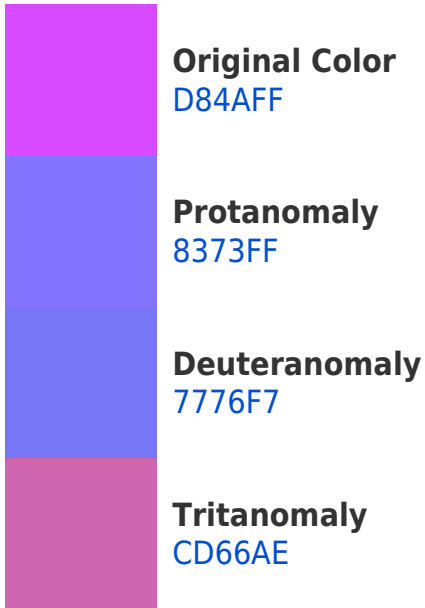
Dichromacy



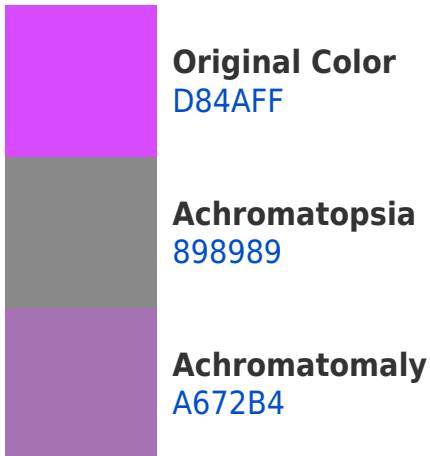


Tritanopia
C6767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D84AFF 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 #D84AFF looks like.

```
.text, #text, p{  
  color:#D84AFF  
}
```

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 #D84AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D84AFF
}
```

Border

The CSS property to change the border of an element to Hex D84AFF 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
#D84AFF }
```

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

```
.border{ border-color:#D84AFF }
```

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

Here you see how a box with a 4 pixel #D84AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D84AFF; -webkit-box-shadow:4px 4px  
4px 4px #D84AFF; box-shadow:4px 4px 4px  
4px #D84AFF }
```

Background

The CSS property to change the background color of an element to Hex D84AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D84AFF }
```

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

```
.background{ background-color:#D84AFF }
```

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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