

Converting Colors

Hex(D684FF)

Have a look what the booklet for
Hex(D684FF) contains.

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Color

Hex(D684FF)

Conversions

Conversions Part 1

Format	Color
Hex	D684FF
RGB	214, 132, 255
RGB Percent	84%, 52%, 100%
CMY	0.1608, 0.4824, 0.0000
CMYK	0.16, 0.48, 0.00, 0.00
HSL	280°, 100%, 76%
HSV	280°, 48%, 100%
XYZ	54.0328, 38.0187, 99.0982
YIQ	170.5400, 9.3890, 55.6370

Conversions

Conversions Part 2

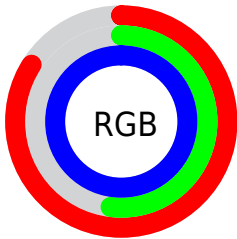
Format	Color
RYB	214, 132, 255
Decimal	14058751
CIELab	68.03, 51.98, -48.93
CIElCh	68, 71.391, 316.731
Yxy	38.0187, 0.2827, 0.1989
Android (android.graphics.Color)	4292248831 (0xFFD684FF)
YUV	170.5400, 41.6388, 38.1144
Hunter-Lab	61.6593, 48.5181, -52.1289

Details

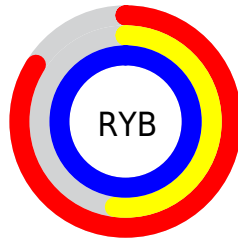
The Hex color **D684FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **ADFF84**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFBBFF**, and **9D4FC6** is the 20% darker color. If you saturate the color by 10%, you get **CE6BFF**, and if you desaturate by 10%, it is **DF9EFF**.

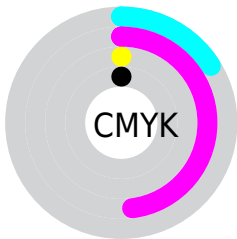
Distribution



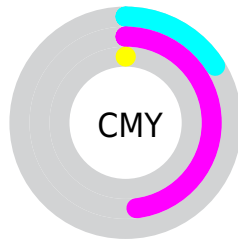
- Red (84%)
- Green (52%)
- Blue (100%)



- Red (84%)
- Yellow (52%)
- Blue (100%)



- Cyan (16%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D684FF 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 D684FF by changing the saturation by 10% instead.

 D684FF

 D684FF

FFFFFF

 B969E2

 FFBBFF

 9D4FC6

 FFD7FF

 8135AA

 FFF4FF

 66198F

 4B0075

 30005C

 170043

 00032C

 000116

 D684FF

 D684FF

 CE6BFF

 DF9EFF

 C551FF

 E7B7FF

 BD38FF

 F0D1FF

 B41EFF

 F8EAFF

 AC05FF

FFFFFF

 AA00FF

Harmonies

Analogous

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



68A1FF



D684FF



FF6AC5

Triad

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



D684FF



DD9814



00C4C9

Complementary

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



D684FF



ADFF84

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.



00C286



D684FF



A3AE0C

Square

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



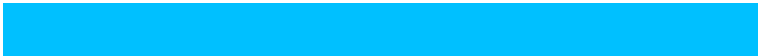
D684FF



FF7D49



55BB47



00C0FF

Rectangle

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



D684FF



FF659A



55BB47



00C4B3

Sweetspot

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



D684FF



F3DBFF



84ADFF



786A80



000000



808080

Same Dimension

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



D684FF



CE6BFF



FF84EA



7B7380



8000BF



2B0040

Inverse Universe

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



FF84AD



FF6B9C



84FF99



807377



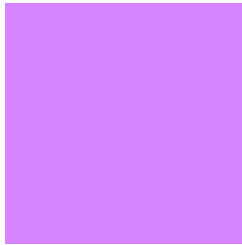
BF0040



400015

Previews

White Background



This preview shows how the Hex color D684FF looks on a white background.

Color Contrast Check

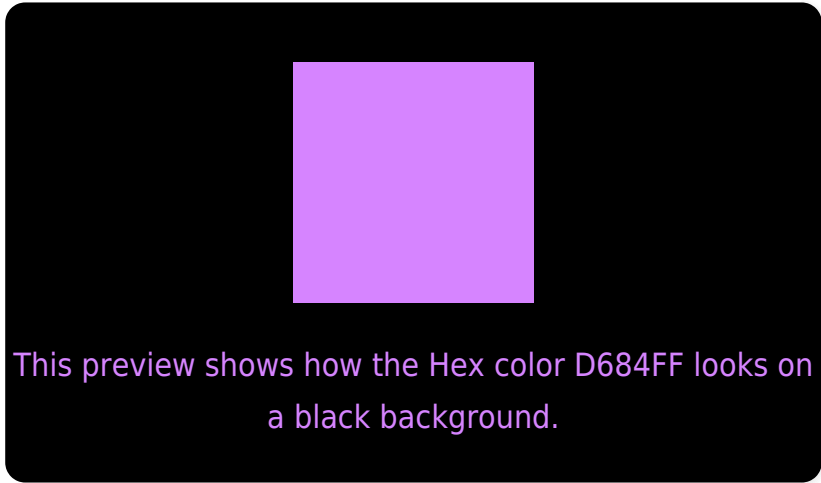
Large Text (above 18pt) WCAG AA × Fail

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

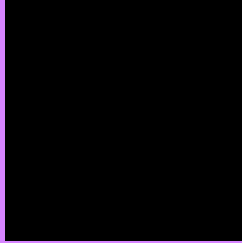
Any Text WCAG AA ✓ Pass

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 D684FF Background



This preview shows how black text looks on a background with the Hex color D684FF.

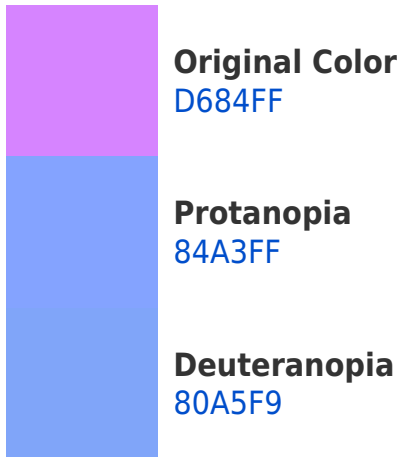


This preview shows how white text looks on a background with the Hex color D684FF.

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



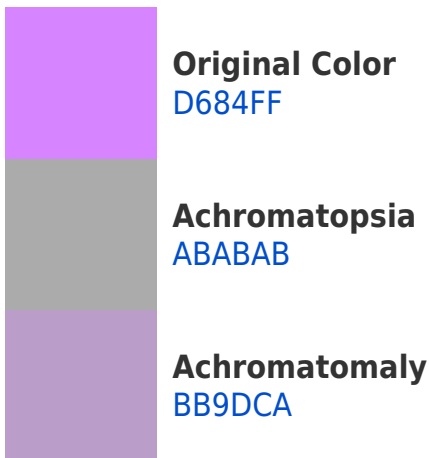


Tritanopia
C899A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D684FF 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 #D684FF looks like.

```
.text, #text, p{  
  color:#D684FF  
}
```

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 #D684FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D684FF
}
```

Border

The CSS property to change the border of an element to Hex D684FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

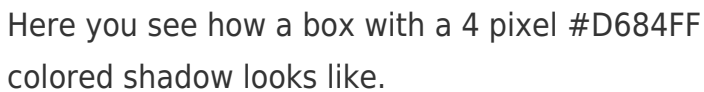
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D684FF }
```

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

```
.border{ border-color:#D684FF }
```

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



Here you see how a box with a 4 pixel #D684FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D684FF; -webkit-box-shadow:4px 4px  
4px 4px #D684FF; box-shadow:4px 4px 4px  
4px #D684FF }
```

Background

The CSS property to change the background color of an element to Hex D684FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D684FF }
```

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

```
.background{ background-color:#D684FF }
```

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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