

Converting Colors

Hex(D585FF)

Have a look what the booklet for
Hex(D585FF) contains.

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Color

Hex(D585FF)

Conversions

Conversions Part 1

Format	Color
Hex	D585FF
RGB	213, 133, 255
RGB Percent	84%, 52%, 100%
CMY	0.1647, 0.4784, 0.0000
CMYK	0.16, 0.48, 0.00, 0.00
HSL	279°, 100%, 76%
HSV	279°, 48%, 100%
XYZ	53.8781, 38.1412, 99.1300
YIQ	170.8280, 8.5180, 54.9020

Conversions

Conversions Part 2

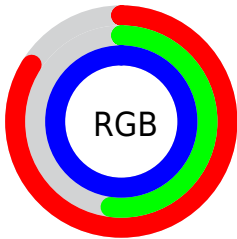
Format	Color
R _Y B	213, 133, 255
Decimal	13993471
CIE Lab	68.12, 51.20, -48.80
CIE LCh	68, 70.729, 316.375
Yxy	38.1412, 0.2819, 0.1995
Android (android.graphics.Color)	4292183551 (0xFFD585FF)
YUV	170.8280, 41.4968, 36.9848
Hunter-Lab	61.7586, 47.6457, -51.9367

Details

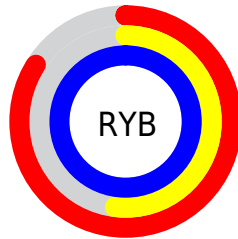
The Hex color **D585FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **FFF85**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFBCFF**, and **9C50C6** is the 20% darker color. If you saturate the color by 10%, you get **CC6CFF**, and if you desaturate by 10%, it is **DE9FFF**.

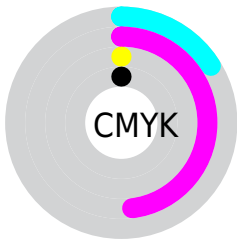
Distribution



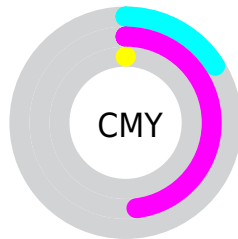
- Red (84%)
- Green (52%)
- Blue (100%)



- 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 D585FF 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 D585FF by changing the saturation by 10% instead.

 D585FF

 D585FF

FFFFFF

 B86AE2

 FFBCFF

 9C50C6

 FFD8FF

 8036AA

 FFF5FF

 651A8F

 4A0075

 2F005C

 160043

 00032C

 000116

 D585FF

 D585FF

 CC6CFF

 DE9FFF

 C352FF

 E7B8FF

 BB39FF

 EFD2FF

 B21FFF

 F8EBFF

 A906FF

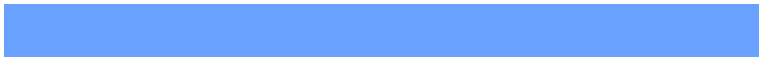
FFFFFF

 A700FF

Harmonies

Analogous

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



68A1FF



D585FF



FF6BC6

Triad

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



D585FF



DE9818



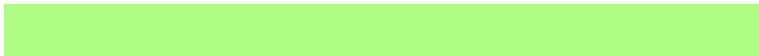
00C4C8

Complementary

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



D585FF



AFFF85

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



D585FF



A5AE10

Square

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



D585FF



FF7E4B



58BB47



00C1FF

Rectangle

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



D585FF



FF669B



58BB47



00C4B2

Sweetspot

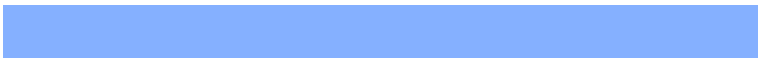
The Sweet Spot groups the original color and five complimentary colors.



D585FF



F3DBFF



85B0FF



786A80



000000



808080

Same Dimension

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



D585FF



CD6EFF



FF85ED



7B7380



7D00BF



2A0040

Inverse Universe

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



FF85AF



FF6EA0



85FF97



807377



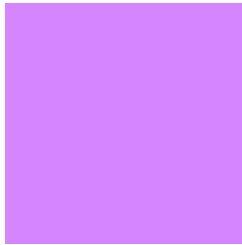
BF0042



400016

Previews

White Background



This preview shows how the Hex color D585FF 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

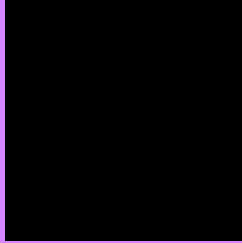
Any Text WCAG AA ✓ Pass

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 D585FF Background



This preview shows how black text looks on a background with the Hex color D585FF.

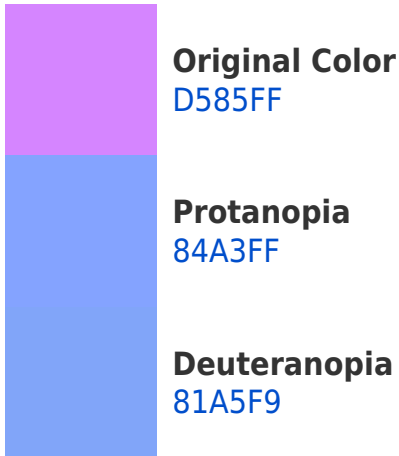


This preview shows how white text looks on a background with the Hex color D585FF.

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](#).

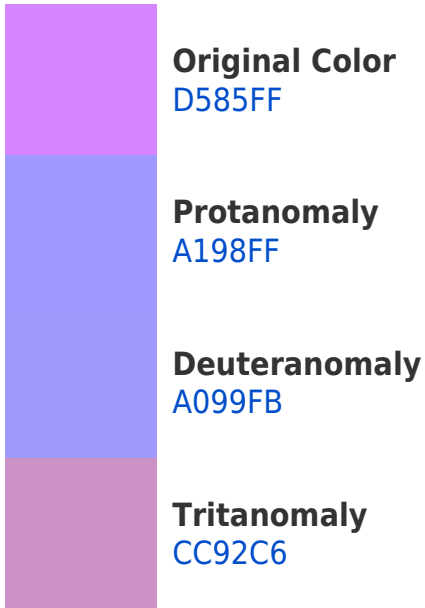
Dichromacy



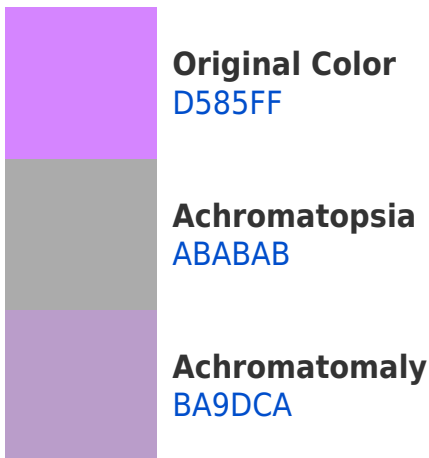


Tritanopia
C79AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D585FF 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 #D585FF looks like.

```
.text, #text, p{  
    color:#D585FF  
}
```

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 #D585FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D585FF
}
```

Border

The CSS property to change the border of an element to Hex D585FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

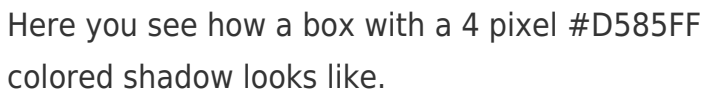
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D585FF }
```

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

```
.border{ border-color:#D585FF }
```

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



Here you see how a box with a 4 pixel #D585FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D585FF; -webkit-box-shadow:4px 4px  
4px 4px #D585FF; box-shadow:4px 4px 4px  
4px #D585FF }
```

Background

The CSS property to change the background color of an element to Hex D585FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D585FF }
```

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

```
.background{ background-color:#D585FF }
```

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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