

Converting Colors

Hex(D963FF)

Have a look what the booklet for
Hex(D963FF) contains.

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Color

Hex(D963FF)

Conversions

Conversions Part 1

Format	Color
Hex	D963FF
RGB	217, 99, 255
RGB Percent	85%, 39%, 100%
CMY	0.1490, 0.6118, 0.0000
CMYK	0.15, 0.61, 0.00, 0.00
HSL	285°, 100%, 69%
HSV	285°, 61%, 100%
XYZ	51.1271, 30.8954, 97.8765
YIQ	152.0660, 20.2520, 73.5320

Conversions

Conversions Part 2

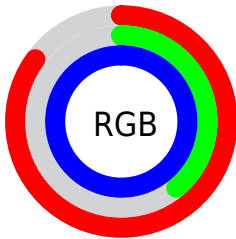
Format	Color
R _Y B	217, 99, 255
Decimal	14246911
CIE Lab	62.42, 68.62, -57.81
CIE LCh	62, 89.732, 319.886
Yxy	30.8954, 0.2842, 0.1717
Android (android.graphics.Color)	4292436991 (0xFFD963FF)
YUV	152.0660, 50.7465, 56.9471
Hunter-Lab	55.5836, 66.9171, -65.4944

Details

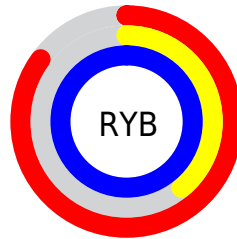
The Hex color **D963FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **89FF63**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FF9CFF**, and **9E26C5** is the 20% darker color. If you saturate the color by 10%, you get **D349FF**, and if you desaturate by 10%, it is **DF7CFF**.

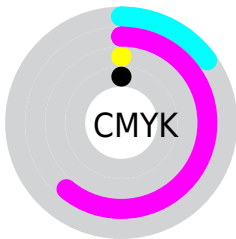
Distribution



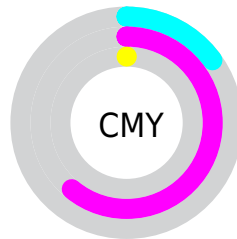
- Red (85%)
- Green (39%)
- Blue (100%)



- Red (85%)
- Yellow (39%)
- Blue (100%)



- Cyan (15%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D963FF 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 D963FF by changing the saturation by 10% instead.

 D963FF

 D963FF

FFFFFF

 BB46E2

 FF9CFF

 9E26C5

 FFB8FF

 8200AA

 FFD5FF

 65008F

 FFF3FF

 490074

 2E005B

 090042

 00032B

 000115

 D963FF

 D963FF

 D349FF

 DF7CFF

 CD30FF

 E596FF

 C616FF

 ECB0FF

 C100FF

 F2C9FF

 F8E3FF

 FEFCFF

 FFFFFFFF

Harmonies

Analogous

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



388EFF



D963FF



FF2FB5

Triad

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



D963FF



CD8A00



00B9CB

Complementary

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



D963FF



89FF63

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.



00B778



D963FF



84A300

Square

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



D963FF



FF6311



00B11C



00B6FF

Rectangle

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



D963FF



FF2480



00B11C



00B9B0

Sweetspot

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



D963FF



F4D1FF



638AFF



796380



000000



808080

Same Dimension

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



D963FF



D245FF



FF63D8



7C7380



9100BF



300040

Inverse Universe

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



FF6389



FF4572



63FF8A



807376



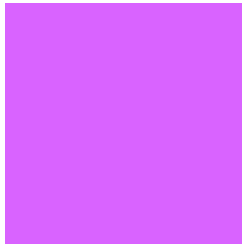
BF002F



400010

Previews

White Background



This preview shows how the Hex color D963FF looks on a white background.

Color Contrast Check

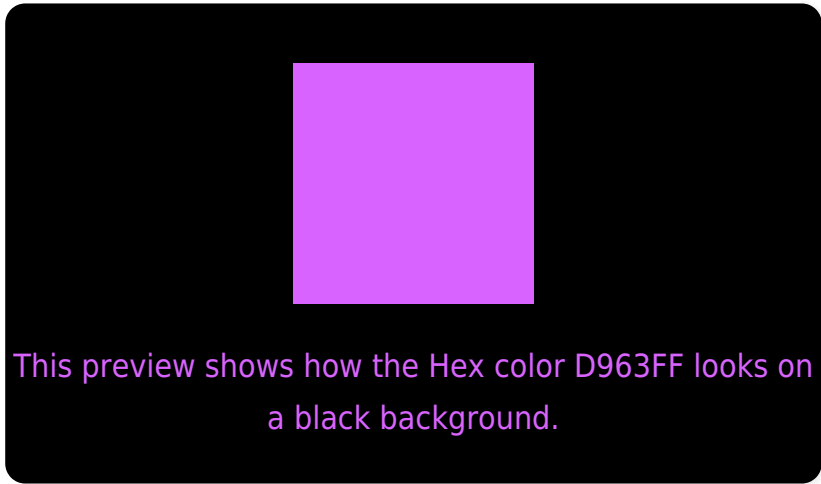
Large Text (above 18pt) WCAG AA × Fail

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

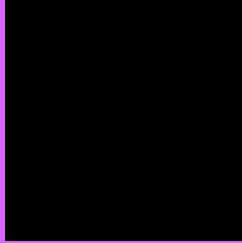
Any Text WCAG AA ✓ Pass

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 D963FF Background



This preview shows how black text looks on a background with the Hex color D963FF.

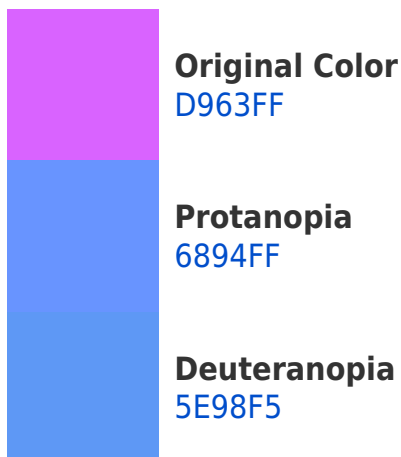



This preview shows how white text looks on a background with the Hex color D963FF.

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](#).

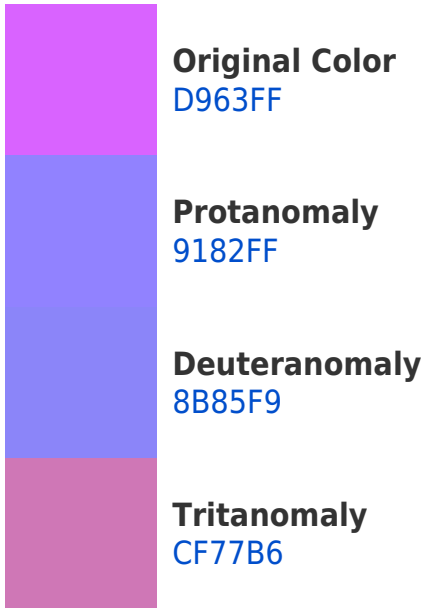
Dichromacy



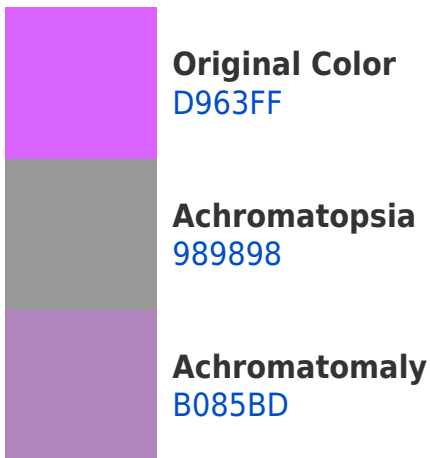


Tritanopia
C9838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D963FF 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 #D963FF looks like.

```
.text, #text, p{  
    color:#D963FF  
}
```

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 #D963FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D963FF
}
```

Border

The CSS property to change the border of an element to Hex D963FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

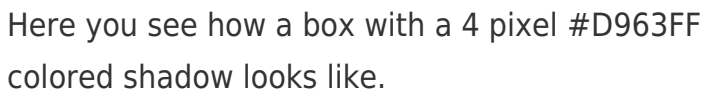
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D963FF }
```

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

```
.border{ border-color:#D963FF }
```

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



Here you see how a box with a 4 pixel #D963FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D963FF; -webkit-box-shadow:4px 4px  
4px 4px #D963FF; box-shadow:4px 4px 4px  
4px #D963FF }
```

Background

The CSS property to change the background color of an element to Hex D963FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D963FF }
```

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

```
.background{ background-color:#D963FF }
```

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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