

Converting Colors

Hex(D566FF)

Have a look what the booklet for
Hex(D566FF) contains.

Hex(D566FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D566FF)

Conversions

Conversions Part 1

Format	Color
Hex	D566FF
RGB	213, 102, 255
RGB Percent	84%, 40%, 100%
CMY	0.1647, 0.6000, 0.0000
CMYK	0.16, 0.60, 0.00, 0.00
HSL	284°, 100%, 70%
HSV	284°, 60%, 100%
XYZ	50.2419, 30.8689, 97.9180
YIQ	152.6310, 17.0430, 71.1150

Conversions

Conversions Part 2

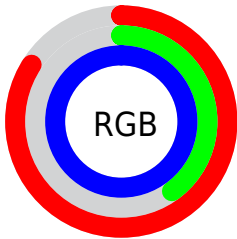
Format	Color
R _Y B	213, 102, 255
Decimal	13985535
CIE Lab	62.40, 66.36, -57.88
CIE LCh	62, 88.056, 318.904
Yxy	30.8689, 0.2806, 0.1724
Android (android.graphics.Color)	4292175615 (0xFFD566FF)
YUV	152.6310, 50.4679, 52.9436
Hunter-Lab	55.5598, 64.1855, -65.6003

Details

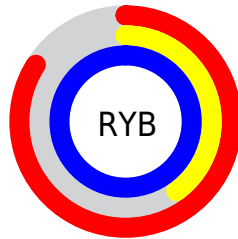
The Hex color **D566FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **90FF66**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FF9EFF**, and **9B2CC5** is the 20% darker color. If you saturate the color by 10%, you get **CE4DFF**, and if you desaturate by 10%, it is **DC80FF**.

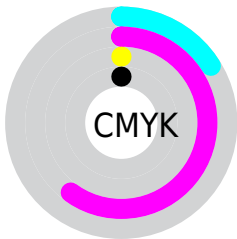
Distribution



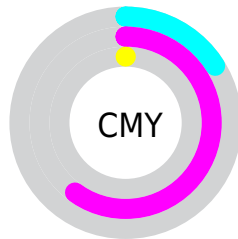
- Red (84%)
- Green (40%)
- Blue (100%)



- Red (84%)
- Yellow (40%)
- Blue (100%)



- Cyan (16%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D566FF 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 D566FF by changing the saturation by 10% instead.

 D566FF

 D566FF

FFFFFF

 B84AE2

 FF9EFF

 9B2CC5

 FFBBFF

 7E00AA

 FFD7FF

 62008F

 FFF5FF

 460074

 2A005B

 030042

 00032B

 000115

 D566FF

 D566FF

 CE4DFF

 DC80FF

 C733FF

 E399FF

 C019FF

 EAB3FF

 B900FF

 F1CCFF

 F8E6FF

FFFFFF

Harmonies

Analogous

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



318FFF



D566FF



FF35B7

Triad

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



D566FF



CE8900



00B8C8

Complementary

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



D566FF



90FF66

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.



00B776



D566FF



88A200

Square

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



D566FF



FF631A



00B01C



00B5FF

Rectangle

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



D566FF



FF2B83



00B01C



00B8AD

Sweetspot

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



D566FF



F2D1FF



6691FF



786380



000000



808080

Same Dimension

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



D566FF



CD47FF



FF66DE



7C7380



8B00BF



2E0040

Inverse Universe

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



FF6690



FF477A



66FF87



807376



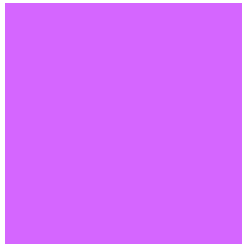
BF0034



400011

Previews

White Background



This preview shows how the Hex color D566FF looks on a white background.

Color Contrast Check

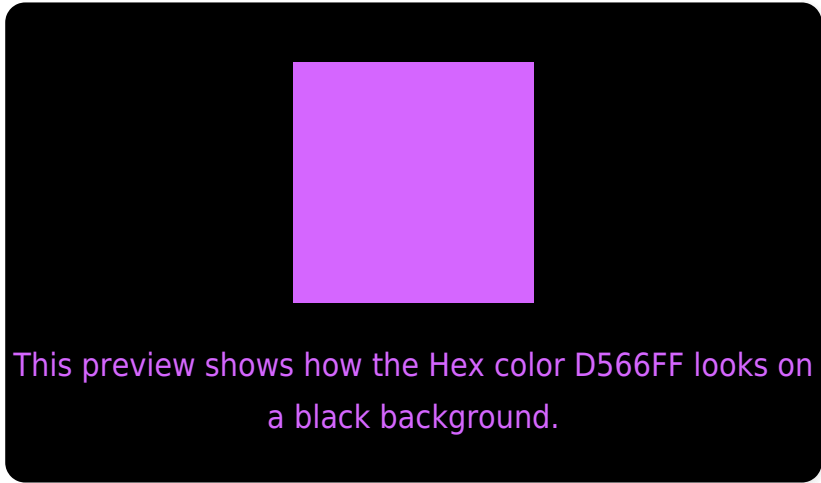
Large Text (above 18pt) WCAG AA × Fail

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

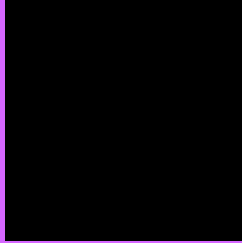
Any Text WCAG AA ✓ Pass

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 D566FF Background



This preview shows how black text looks on a background with the Hex color D566FF.




This preview shows how white text looks on a background with the Hex color D566FF.

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](#).

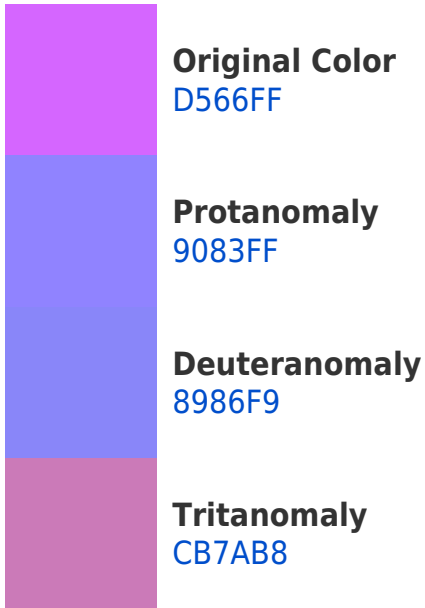
Dichromacy



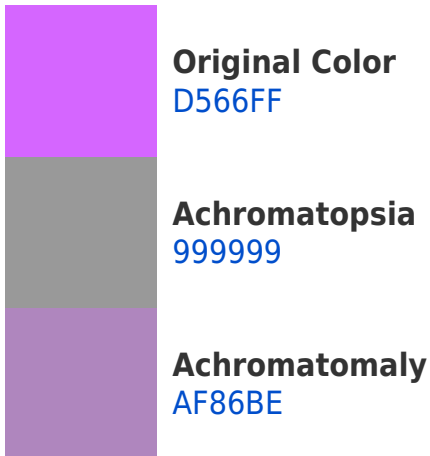


Tritanopia
C5858F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D566FF 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 #D566FF looks like.

```
.text, #text, p{  
    color:#D566FF  
}
```

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 #D566FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D566FF  
}
```

Border

The CSS property to change the border of an element to Hex D566FF 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  
#D566FF }
```

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

```
.border{ border-color:#D566FF }
```

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

Here you see how a box with a 4 pixel #D566FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D566FF; -webkit-box-shadow:4px 4px  
4px 4px #D566FF; box-shadow:4px 4px 4px  
4px #D566FF }
```

Background

The CSS property to change the background color of an element to Hex D566FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D566FF }
```

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

```
.background{ background-color:#D566FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor