

Converting Colors

Hex(D680FF)

Have a look what the booklet for
Hex(D680FF) contains.

Hex(D680FF)	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(D680FF)

Conversions

Conversions Part 1

Format	Color
Hex	D680FF
RGB	214, 128, 255
RGB Percent	84%, 50%, 100%
CMY	0.1608, 0.4980, 0.0000
CMYK	0.16, 0.50, 0.00, 0.00
HSL	281°, 100%, 75%
HSV	281°, 50%, 100%
XYZ	53.5007, 36.9545, 98.9209
YIQ	168.1920, 10.4890, 57.7290

Conversions

Conversions Part 2

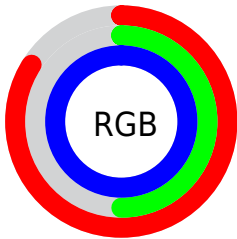
Format	Color
R _Y B	214, 128, 255
Decimal	14057727
CIE Lab	67.24, 54.03, -50.18
CIE LCh	67, 73.739, 317.115
Yxy	36.9545, 0.2825, 0.1951
Android (android.graphics.Color)	4292247807 (0xFFD680FF)
YUV	168.1920, 42.7963, 40.1736
Hunter-Lab	60.7902, 50.7129, -53.9265

Details

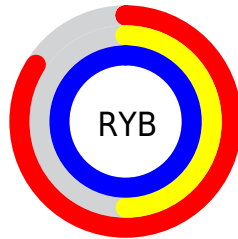
The Hex color **D680FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A9FF80**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFB7FF**, and **9D4BC6** is the 20% darker color. If you saturate the color by 10%, you get **CE67FF**, and if you desaturate by 10%, it is **DE9AFF**.

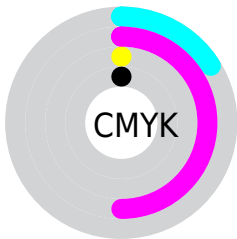
Distribution



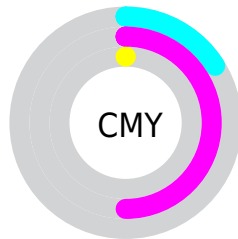
- Red (84%)
- Green (50%)
- Blue (100%)



- Red (84%)
- Yellow (50%)
- Blue (100%)



- Cyan (16%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D680FF 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 D680FF by changing the saturation by 10% instead.

 D680FF

FFFFFF

 FFB7FF

 FFD3FF

 FFF0FF

 D680FF

 B965E2

 9D4BC6

 8130AA

 65118F

 4A0075

 2F005B

 150043

 00032C

 000116

 D680FF

 D680FF

 CE67FF

 DE9AFF

 C64DFF

 E6B3FF

 BD33FF

 EFCDFE

 B51AFF

 F7E6FF

 AD00FF

FFFFFF

Harmonies

Analogous

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



639EFF



D680FF



FF64C3

Triad

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



D680FF



DB9600



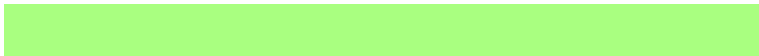
00C2C9

Complementary

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



D680FF



A9FF80

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.



00C184



D680FF



A0AC00

Square

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



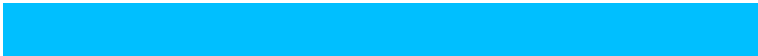
D680FF



FF7A43



4DBA41



00BFFF

Rectangle

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



D680FF



FF5E97



4DBA41



00C2B2

Sweetspot

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



D680FF



F3D9FF



80AAFF



786980



000000



808080

Same Dimension

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



D680FF



CE66FF



FF80EA



7B7380



8200BF



2B0040

Inverse Universe

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



FF80A9



FF6697



80FF95



807377



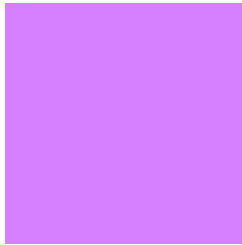
BF003E



400015

Previews

White Background



This preview shows how the Hex color D680FF 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

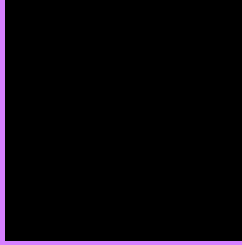
Any Text WCAG AA ✓ Pass

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 D680FF Background



This preview shows how black text looks on a background with the Hex color D680FF.

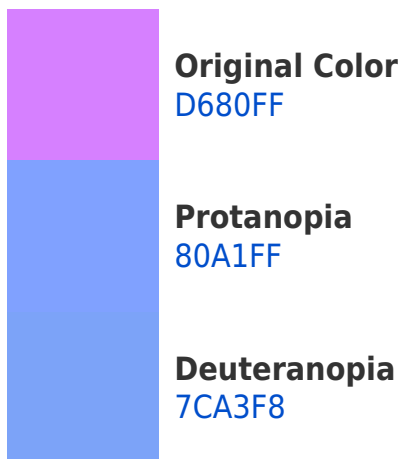


This preview shows how white text looks on a background with the Hex color D680FF.

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](#).

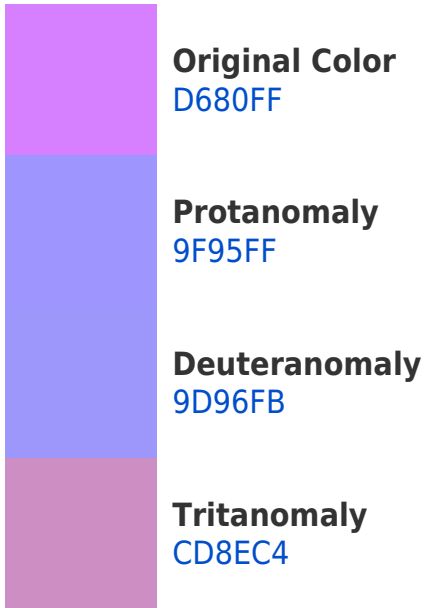
Dichromacy



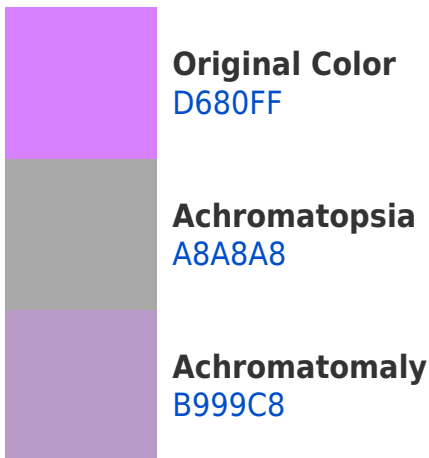


Tritanopia
C896A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D680FF 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 #D680FF looks like.

```
.text, #text, p{  
    color:#D680FF  
}
```

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 #D680FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D680FF
}
```

Border

The CSS property to change the border of an element to Hex D680FF 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
#D680FF }
```

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

```
.border{ border-color:#D680FF }
```

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

Here you see how a box with a 4 pixel #D680FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D680FF; -webkit-box-shadow:4px 4px  
4px 4px #D680FF; box-shadow:4px 4px 4px  
4px #D680FF }
```

Background

The CSS property to change the background color of an element to Hex D680FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D680FF }
```

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

```
.background{ background-color:#D680FF }
```

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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