

Converting Colors

Hex(D175FF)

Have a look what the booklet for
Hex(D175FF) contains.

Hex(D175FF)	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(D175FF)

Conversions

Conversions Part 1

Format	Color
Hex	D175FF
RGB	209, 117, 255
RGB Percent	82%, 46%, 100%
CMY	0.1804, 0.5412, 0.0000
CMYK	0.18, 0.54, 0.00, 0.00
HSL	280°, 100%, 73%
HSV	280°, 54%, 100%
XYZ	50.7058, 33.4979, 98.4010
YIQ	160.2400, 10.5340, 62.4220

Conversions

Conversions Part 2

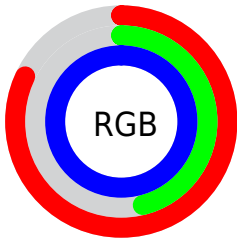
Format	Color
R _Y B	209, 117, 255
Decimal	13727231
CIE _{Lab}	64.56, 58.27, -54.46
CIE _{LCh}	65, 79.759, 316.932
Y _{xy}	33.4979, 0.2777, 0.1834
Android (android.graphics.Color)	4291917311 (0xFFD175FF)
Y _{UV}	160.2400, 46.7167, 42.7625
Hunter-Lab	57.8774, 55.0967, -60.2886

Details

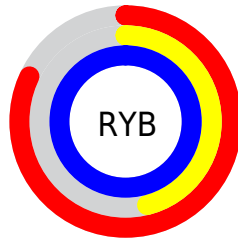
The Hex color **D175FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A3FF75**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFACFF**, and **973FC6** is the 20% darker color. If you saturate the color by 10%, you get **C85BFF**, and if you desaturate by 10%, it is **D98FFF**.

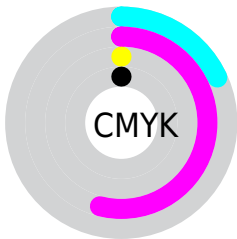
Distribution



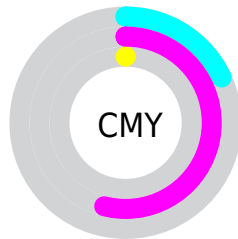
- Red (82%)
- Green (46%)
- Blue (100%)



- Red (82%)
- Yellow (46%)
- Blue (100%)



- Cyan (18%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D175FF 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 D175FF by changing the saturation by 10% instead.

 D175FF

 D175FF

FFFFFF

 B45AE2

 FFACFF

 973FC6

 FFC8FF

 7B22AA

 FFE5FF

 60008F

 440074

 28005B

 050043

 00032B

 000116

 D175FF

 D175FF

 C85BFF

 D98FFF

 C042FF

 E2A8FF

 B728FF

 EAC2FF

 AF0FFF

 F3DBFF

 AA00FF

 FBF4FF

FFFFFF

Harmonies

Analogous

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



4697FF



D175FF



FF52BF

Triad

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



D175FF



D68E00



00BDC4

Complementary

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



D175FF



A3FF75

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.



00BB7A



D175FF



96A600

Square

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



D175FF



FF6D34



38B42F



00B9FF

Rectangle

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



D175FF



FF4A8F



38B42F



00BCAC

Sweetspot

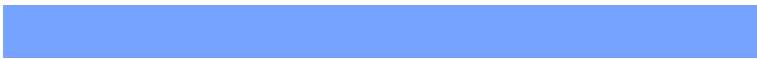
The Sweet Spot groups the original color and five complimentary colors.



D175FF



F1D6FF



75A3FF



776780



000000



808080

Same Dimension

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



D175FF



C859FF



FF75EA



7B7380



7F00BF



2A0040

Inverse Universe

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



FF75A3



FF5991



75FF8A



807377



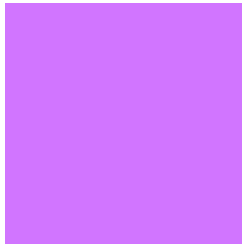
BF0040



400015

Previews

White Background



This preview shows how the Hex color D175FF looks on a white background.

Color Contrast Check

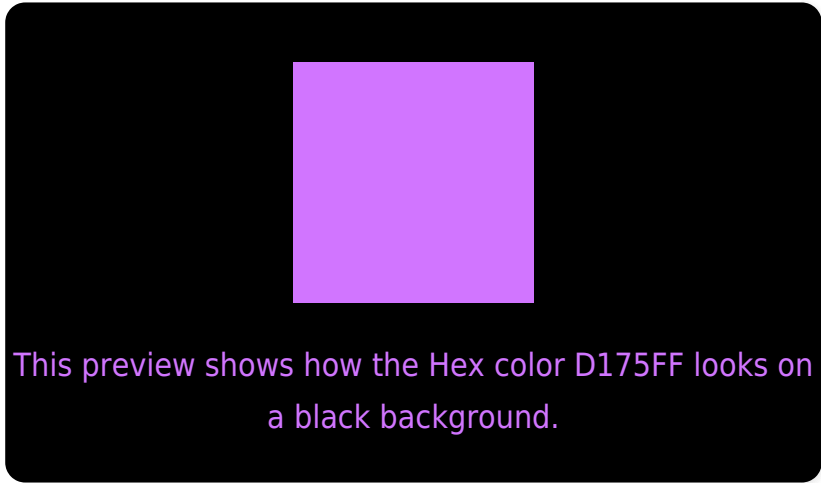
Large Text (above 18pt) WCAG AA × Fail

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 D175FF Background



This preview shows how black text looks on a background with the Hex color D175FF.

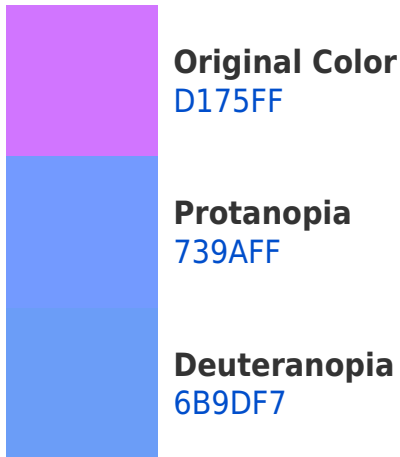


This preview shows how white text looks on a background with the Hex color D175FF.

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](#).

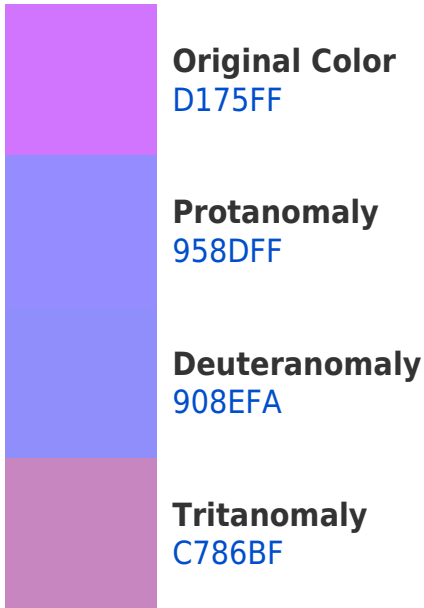
Dichromacy



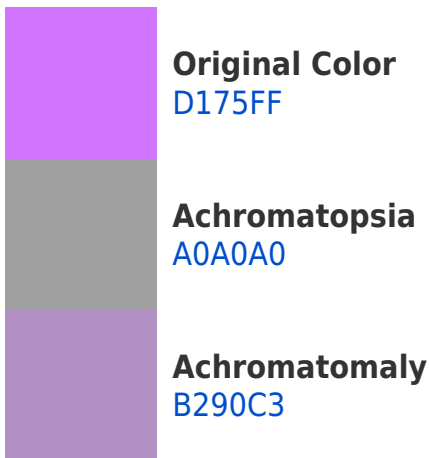


Tritanopia
C18F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D175FF 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 #D175FF looks like.

```
.text, #text, p{  
    color:#D175FF  
}
```

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 #D175FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D175FF
}
```

Border

The CSS property to change the border of an element to Hex D175FF 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
#D175FF }
```

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

```
.border{ border-color:#D175FF }
```

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

Here you see how a box with a 4 pixel #D175FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D175FF; -webkit-box-shadow:4px 4px  
4px 4px #D175FF; box-shadow:4px 4px 4px  
4px #D175FF }
```

Background

The CSS property to change the background color of an element to Hex D175FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D175FF }
```

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

```
.background{ background-color:#D175FF }
```

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