

Converting Colors

Hex(D158FF)

Have a look what the booklet for
Hex(D158FF) contains.

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Color

Hex(D158FF)

Conversions

Conversions Part 1

Format	Color
Hex	D158FF
RGB	209, 88, 255
RGB Percent	82%, 35%, 100%
CMY	0.1804, 0.6549, 0.0000
CMYK	0.18, 0.65, 0.00, 0.00
HSL	283°, 100%, 67%
HSV	283°, 65%, 100%
XYZ	47.8342, 27.7548, 97.4438
YIQ	143.2170, 18.5090, 77.5890

Conversions

Conversions Part 2

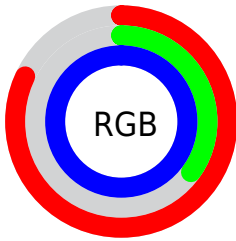
Format	Color
R_{YB}	209, 88, 255
Decimal	13719807
CIE _{Lab}	59.67, 71.56, -62.28
CIE _{LCh}	60, 94.867, 318.970
Yxy	27.7548, 0.2764, 0.1604
Android (android.graphics.Color)	4291909887 (0xFFD158FF)
YUV	143.2170, 55.1090, 57.6917
Hunter-Lab	52.6828, 69.8772, -72.7868

Details

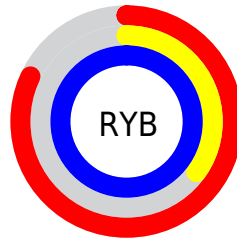
The Hex color **D158FF** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **86FF58**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF91FF**, and **9614C5** is the 20% darker color. If you saturate the color by 10%, you get **CA3FFF**, and if you desaturate by 10%, it is **D872FF**.

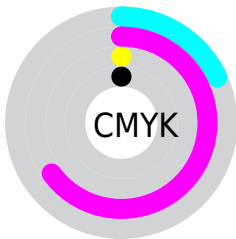
Distribution



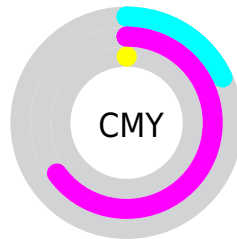
- Red (82%)
- Green (35%)
- Blue (100%)



- Red (82%)
- Yellow (35%)
- Blue (100%)



- Cyan (18%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (65%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color D158FF 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 D158FF by changing the saturation by 10% instead.

 D158FF

 D158FF

FFFFFF

 B33AE2

 FF91FF

 9614C5

 FFAEFF

 7900A9

 FFCBFF

 5D008E

 FFE8FF

 3F0074

 24005B

 000042

 00032B

 000115

 D158FF

 D158FF

 CA3FFF

 D872FF

 C325FF

 DF8BFF

 BC0CFF

 E6A5FF

 B900FF

 EDBEFF

 F4D8FF

 FBF1FF

FFFFFF

Harmonies

Analogous

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



0088FF



D158FF



FF00B2

Triad

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



D158FF



C88100



00B2C4

Complementary

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



D158FF



86FF58

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.



00B06D



D158FF



7D9C00

Square

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



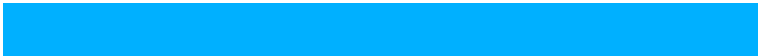
D158FF



FF5500



00AA00



00B0FF

Rectangle

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



D158FF



FF007B



00AA00



00B2A8

Sweetspot

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



D158FF



F1CCFF



5887FF



776180



000000



808080

Same Dimension

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



D158FF



C836FF



FF58DB



7C7380



8B00BF



2E0040

Inverse Universe

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



FF5886



FF366D



58FF7C



807376



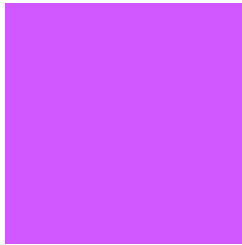
BF0035



400012

Previews

White Background



This preview shows how the Hex color D158FF looks on a white background.

Color Contrast Check

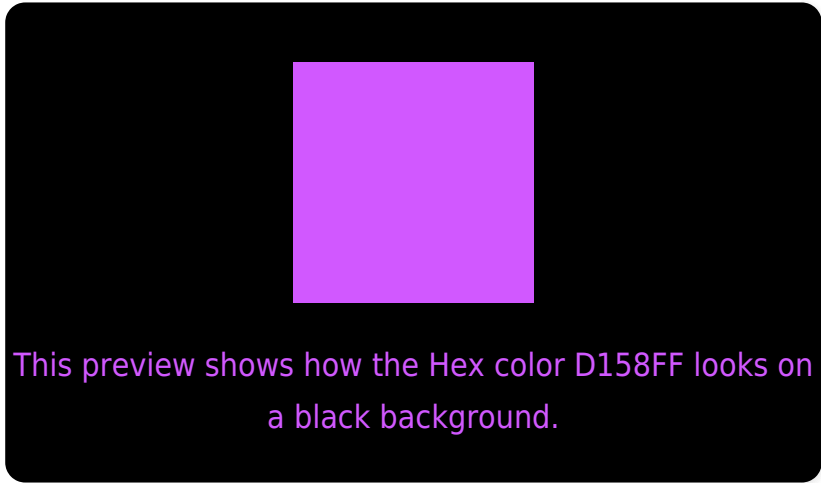
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex D158FF Background



This preview shows how black text looks on a background with the Hex color D158FF.



This preview shows how white text looks on a background with the Hex color D158FF.

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



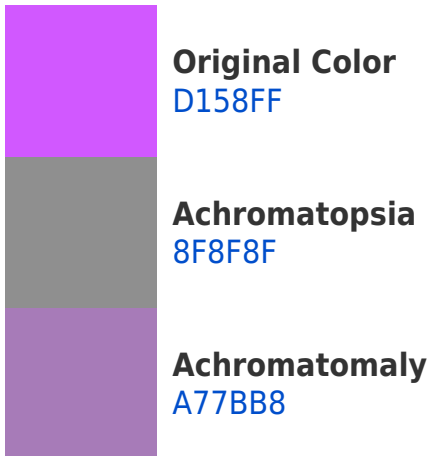


Tritanopia
BF7D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D158FF 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 #D158FF looks like.

```
.text, #text, p{  
    color:#D158FF  
}
```

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 #D158FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D158FF
}
```

Border

The CSS property to change the border of an element to Hex D158FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

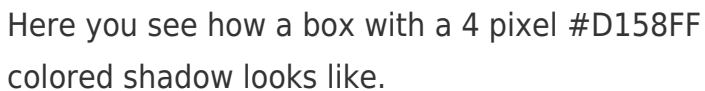
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D158FF }
```

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

```
.border{ border-color:#D158FF }
```

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



Here you see how a box with a 4 pixel #D158FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D158FF; -webkit-box-shadow:4px 4px  
4px 4px #D158FF; box-shadow:4px 4px 4px  
4px #D158FF }
```

Background

The CSS property to change the background color of an element to Hex D158FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D158FF }
```

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

```
.background{ background-color:#D158FF }
```

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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