

Converting Colors

Hex(8153DF)

Have a look what the booklet for
Hex(8153DF) contains.

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Color

Hex(8153DF)

Conversions

Conversions Part 1

Format	Color
Hex	8153DF
RGB	129, 83, 223
RGB Percent	51%, 33%, 87%
CMY	0.4941, 0.6745, 0.1255
CMYK	0.42, 0.63, 0.00, 0.13
HSL	260°, 69%, 60%
HSV	260°, 63%, 87%
XYZ	25.4658, 16.1814, 71.5932
YIQ	112.7140, -17.5240, 53.2920

Conversions

Conversions Part 2

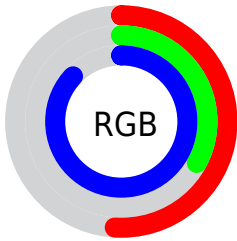
Format	Color
R_{YB}	129, 83, 223
Decimal	8475615
CIE _{Lab}	47.21, 49.87, -64.93
CIE _{LCh}	47, 81.872, 307.529
Yxy	16.1814, 0.2249, 0.1429
Android (android.graphics.Color)	4286665695 (0xFF8153DF)
YUV	112.7140, 54.3710, 14.2828
Hunter-Lab	40.2261, 42.6069, -77.3644

Details

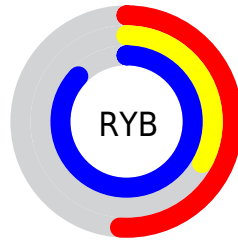
The Hex color **8153DF** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **B1DF53**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **BB87FF**, and **4621A7** is the 20% darker color. If you saturate the color by 10%, you get **723DDF**, and if you desaturate by 10%, it is **9069DF**.

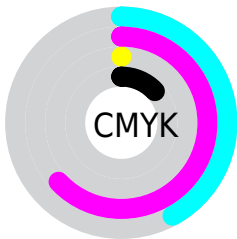
Distribution



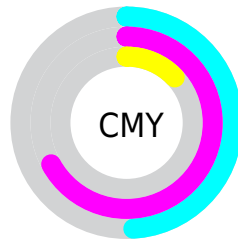
- Red (51%)
- Green (33%)
- Blue (87%)



- Red (51%)
- Yellow (33%)
- Blue (87%)



- Cyan (42%)
- Magenta (63%)
- Yellow (0%)
- Black (13%)





- Cyan (49%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8153DF 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 8153DF by changing the saturation by 10% instead.

 8153DF

 8153DF

FFFFFF

 643AC3

 BB87FF

 4621A7

 D9A2FF

 24048C

 F7BDFF

 000071

 FFD9FF

 000058

 FFF6FF

 00073F

 000328

 000112

 000000

8153DF

8153DF

723DDF

9069DF

6326DF

9F80DF

5410DF

AE96DF

4900DF

BDACDF

CCC3DF

DBD9DF

EAEFDF

F9FFDF

FFFFDF

Harmonies

Analogous

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



0074FB



8153DF



CC17A6

Triad

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



8153DF



B15800



008C80

Complementary

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



8153DF



B1DF53

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.



008937



8153DF



7A7300

Square

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



8153DF



D8291E



238200



008CC3

Rectangle

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



8153DF



E10079



238200



008B68

Sweetspot

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



8153DF



DECFFF



53B3DF



6C6280



000000



808080

Same Dimension

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



8153DF



7F40FF



C553DF



696570



3A00B0



100030

Inverse Universe

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



DF53B1



FF40C0



6DDF53



70656D



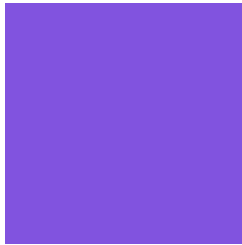
B00076



300021

Previews

White Background



This preview shows how the Hex color 8153DF looks on a white background.

Color Contrast Check

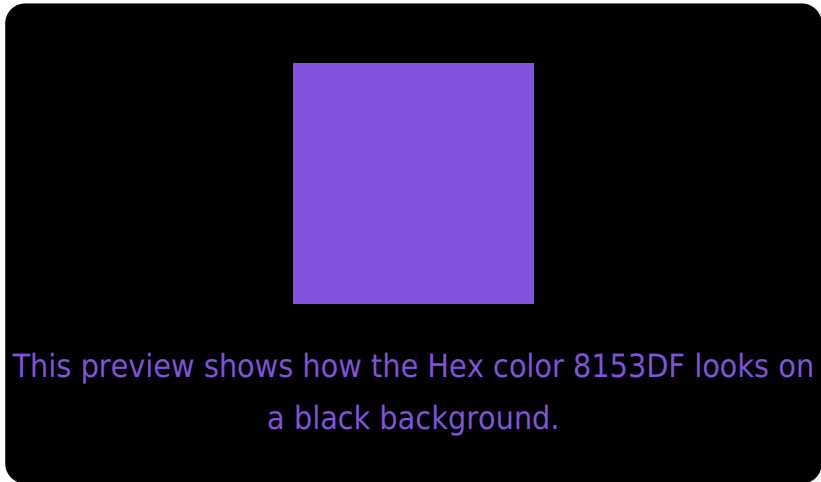
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

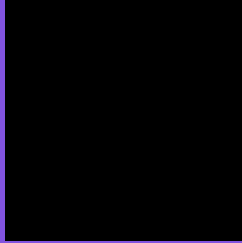
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 8153DF Background



This preview shows how black text looks on a background with the Hex color 8153DF.

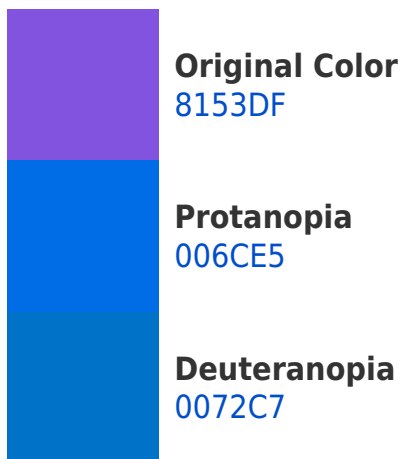


This preview shows how white text looks on a background with the Hex color 8153DF.

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](#).

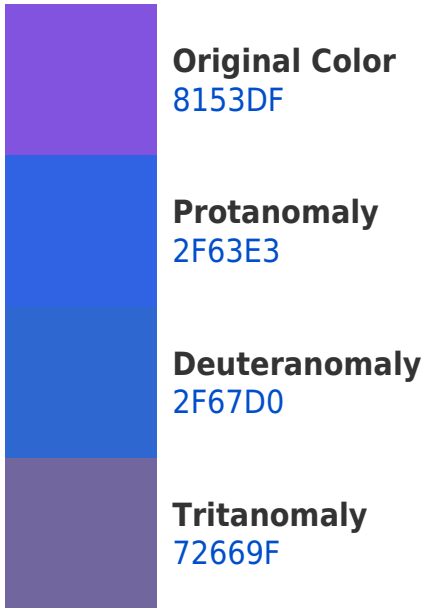
Dichromacy



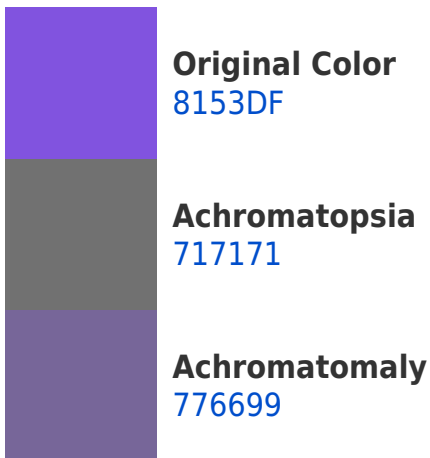


Tritanopia
69717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8153DF 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 #8153DF looks like.

```
.text, #text, p{  
    color:#8153DF  
}
```

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 #8153DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8153DF
}
```

Border

The CSS property to change the border of an element to Hex 8153DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

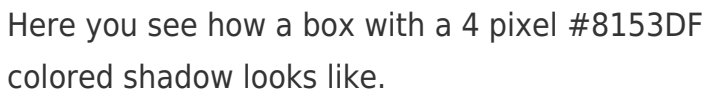
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8153DF }
```

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

```
.border{ border-color:#8153DF }
```

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



Here you see how a box with a 4 pixel #8153DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8153DF; -webkit-box-shadow:4px 4px  
4px 4px #8153DF; box-shadow:4px 4px 4px  
4px #8153DF }
```

Background

The CSS property to change the background color of an element to Hex 8153DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8153DF }
```

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

```
.background{ background-color:#8153DF }
```

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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