

Converting Colors

Hex(8153DC)

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

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Color

Hex(8153DC)

Conversions

Conversions Part 1

Format	Color
Hex	8153DC
RGB	129, 83, 220
RGB Percent	51%, 33%, 86%
CMY	0.4941, 0.6745, 0.1373
CMYK	0.41, 0.62, 0.00, 0.14
HSL	260°, 66%, 59%
HSV	260°, 62%, 86%
XYZ	25.0648, 16.0209, 69.4814
YIQ	112.3720, -16.5610, 52.3590

Conversions

Conversions Part 2

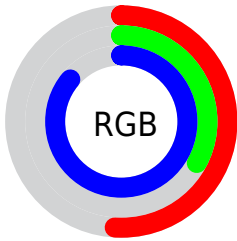
Format	Color
R_{YB}	129, 83, 220
Decimal	8475612
CIE _{Lab}	47.00, 49.08, -63.56
CIE _{LCh}	47, 80.303, 307.671
Yxy	16.0209, 0.2267, 0.1449
Android (android.graphics.Color)	4286665692 (0xFF8153DC)
YUV	112.3720, 53.0606, 14.5828
Hunter-Lab	40.0262, 41.7326, -74.9032

Details

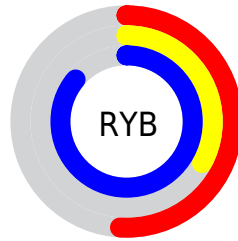
The Hex color **8153DC** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **AEDC53**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **BB87FF**, and **4621A4** is the 20% darker color. If you saturate the color by 10%, you get **723DDC**, and if you desaturate by 10%, it is **9069DC**.

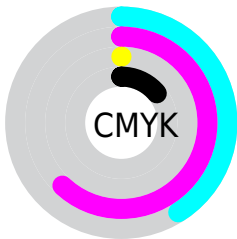
Distribution



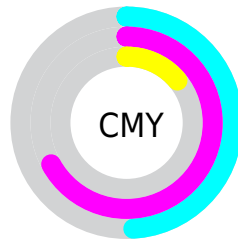
- Red (51%)
- Green (33%)
- Blue (86%)



- Red (51%)
- Yellow (33%)
- Blue (86%)



- Cyan (41%)
- Magenta (62%)
- Yellow (0%)
- Black (14%)





- Cyan (49%)
- Magenta (67%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 8153DC

 8153DC

FFFFFF

 643AC0

 BB87FF

 4621A4

 D9A2FF

 250589

 F6BDFF

 00006F


 FFD9FF

 000055

 FFF6FF

 00063D

 000326

 00010F

 000000

■ 8153DC

■ 8153DC

■ 723DDC

■ 9069DC

■ 6427DC

■ 9E7FDC

■ 5511DC

■ AD95DC

■ 4A00DC

■ BBABDC

■ CAC1DC

■ D9D7DC

■ E7EDDC

■ F6FFDC

■ FFFFDC

Harmonies

Analogous

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



0073F8



8153DC



CA1BA4

Triad

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



8153DC



AF5800



008B80

Complementary

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



8153DC



AEDC53

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.



008838



8153DC



797200

Square

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



8153DC



D52B1F



258100



008BC1

Rectangle

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



8153DC



DE0078



258100



008A68

Sweetspot

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



8153DC



DFCFFF



53AEDC



6C6280



000000



808080

Same Dimension

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



8153DC



8040FF



C553DC



66636E



3A00AD



0F002E

Inverse Universe

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



DC53AE



FF40BF



6ADC53



6E636A



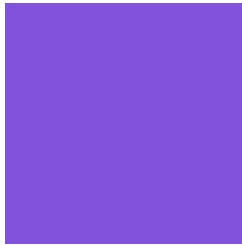
AD0073



2E001E

Previews

White Background



This preview shows how the Hex color 8153DC 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

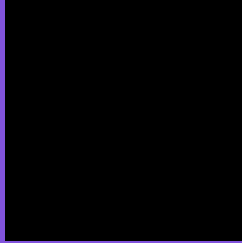
Any Text WCAG AA × Fail

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 8153DC Background



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

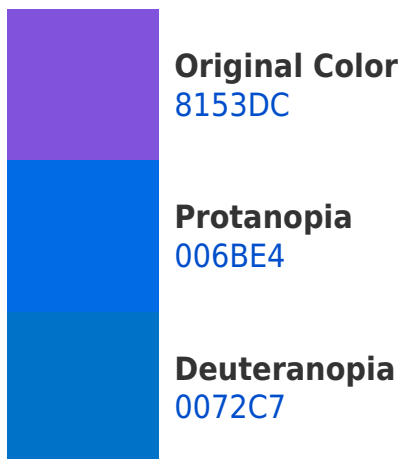



This preview shows how white text looks on a background with the Hex color 8153DC.

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
6A7079

Trichromacy



Original Color
8153DC



Protanomaly
2F62E1



Deuteranomaly
2F67CF



Tritanomaly
72659D

Monochromacy



Original Color
8153DC



Achromatopsia
707070



Achromatomaly
766597

CSS Examples

Text

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

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

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 #8153DC colored shadow looks like.

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

Border

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

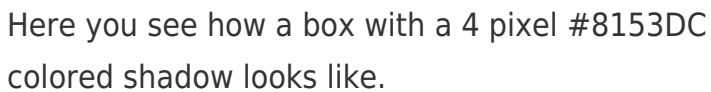
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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