

Converting Colors

Hex(8153CF)

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

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Color

Hex(8153CF)

Conversions

Conversions Part 1

Format	Color
Hex	8153CF
RGB	129, 83, 207
RGB Percent	51%, 33%, 81%
CMY	0.4941, 0.6745, 0.1882
CMYK	0.38, 0.60, 0.00, 0.19
HSL	262°, 56%, 57%
HSV	262°, 60%, 81%
XYZ	23.4090, 15.3586, 60.7622
YIQ	110.8900, -12.3880, 48.3160

Conversions

Conversions Part 2

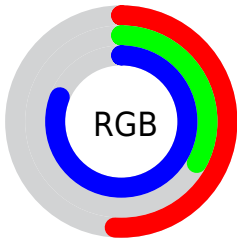
Format	Color
R _Y B	129, 83, 207
Decimal	8475599
CIE Lab	46.12, 45.65, -57.55
CIE LCh	46, 73.459, 308.420
Yxy	15.3586, 0.2352, 0.1543
Android (android.graphics.Color)	4286665679 (0xFF8153CF)
YUV	110.8900, 47.3822, 15.8825
Hunter-Lab	39.1901, 38.0388, -64.4930

Details

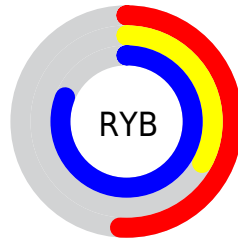
The Hex color **8153CF** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **A1CF53**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **BA86FF**, and **492298** is the 20% darker color. If you saturate the color by 10%, you get **743ECF**, and if you desaturate by 10%, it is **8E68CF**.

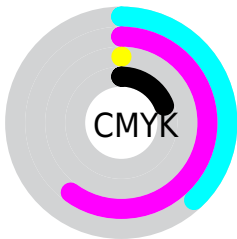
Distribution



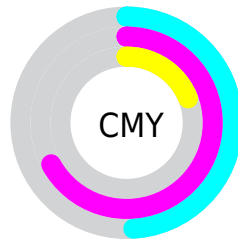
- Red (51%)
- Green (33%)
- Blue (81%)



- Red (51%)
- Yellow (33%)
- Blue (81%)



- Cyan (38%)
- Magenta (60%)
- Yellow (0%)
- Black (19%)




- Cyan (49%)
- Magenta (67%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 8153CF

 8153CF

FFFFFF

 653AB3

 BA86FF

 492298

 D7A1FF

 2A077D

 F5BDFF

 000063

 FFD9FF


 00004B


 FFF6FF

 000433

 00021D

 000000

 8153CF

 8153CF

 743ECF

 8E68CF

 672ACF

 9B7CCF

 5A15CF

 A891CF

 4D00CF

 B5A6CF

 C2BBCF

 CFCFCF

 DCE4CF

 E9F9CF

 F6FFCF

Harmonies

Analogous

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



0070E9



8153CF



C1299C

Triad

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



8153CF



A85900



00877E

Complementary

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



8153CF



A1CF53

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.



00843D



8153CF



767000

Square

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



8153CF



CB3523



2C7E00



0086B9

Rectangle

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



8153CF



D30973



2C7E00



008768

Sweetspot

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



8153CF



E2D1FF



53A2CF



6E6380



000000



808080

Same Dimension

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



8153CF



8C47FF



BE53CF



625E69



3E00A8



0F0029

Inverse Universe

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



CF53A1



FF47BB



64CF53



695E65



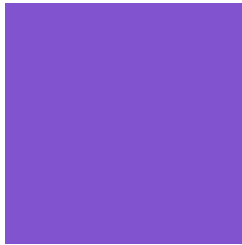
A8006A



29001A

Previews

White Background



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

Color Contrast Check

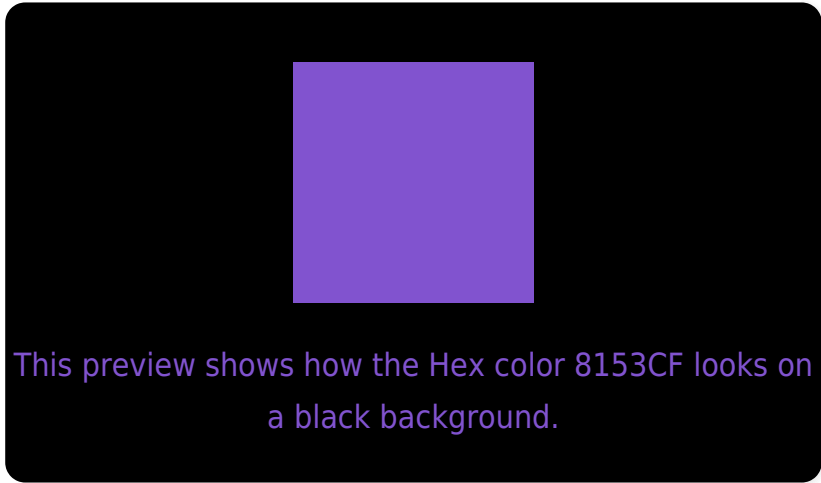
Large Text (above 18pt) WCAG AA ✓ Pass

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

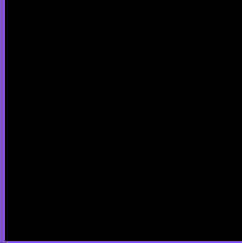
Any Text WCAG AA × Fail

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 8153CF Background



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

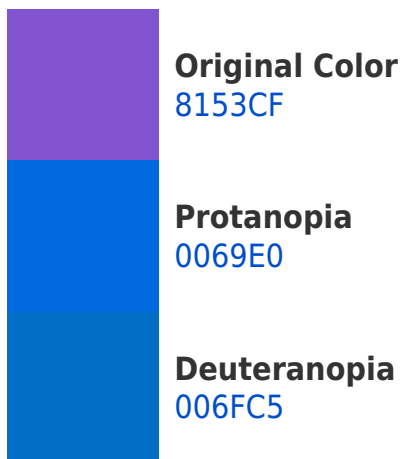


This preview shows how white text looks on a background with the Hex color 8153CF.

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](#).

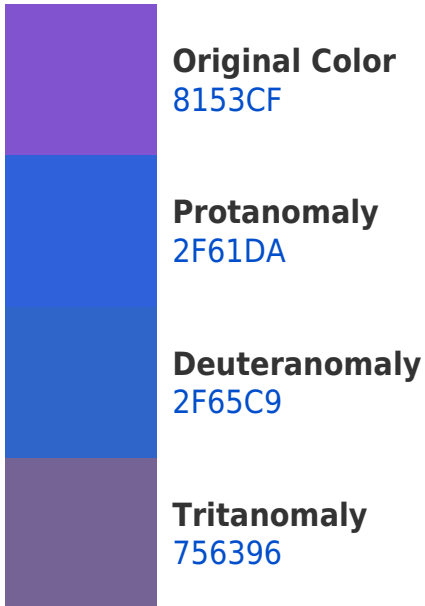
Dichromacy



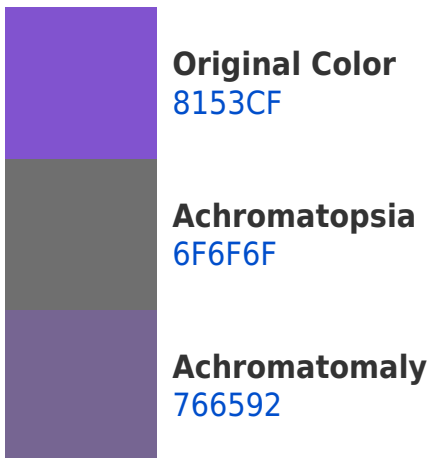


Tritanopia
6E6C75

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #8153CF colored shadow looks like.

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

Border

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

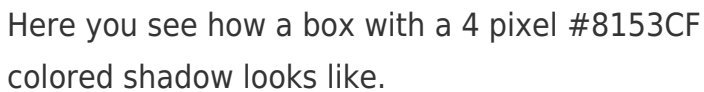
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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