

Converting Colors

Hex(8A65F7)

Have a look what the booklet for
Hex(8A65F7) contains.

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Color

Hex(8A65F7)

Conversions

Conversions Part 1

Format	Color
Hex	8A65F7
RGB	138, 101, 247
RGB Percent	54%, 40%, 97%
CMY	0.4588, 0.6039, 0.0314
CMYK	0.44, 0.59, 0.00, 0.03
HSL	255°, 90%, 68%
HSV	255°, 59%, 97%
XYZ	31.9234, 21.4260, 90.4488
YIQ	128.7070, -24.8140, 53.2500

Conversions

Conversions Part 2

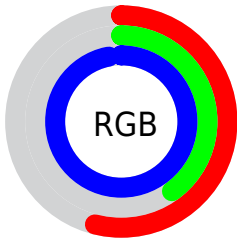
Format	Color
R _Y B	138, 101, 247
Decimal	9070071
CIE Lab	53.41, 48.37, -68.33
CIE LCh	53, 83.716, 305.291
Yxy	21.4260, 0.2220, 0.1490
Android (android.graphics.Color)	4287260151 (0xFF8A65F7)
YUV	128.7070, 58.3184, 8.1500
Hunter-Lab	46.2883, 42.1008, -83.4528

Details

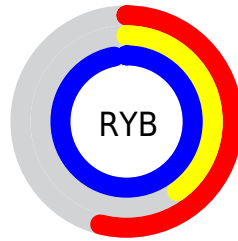
The Hex color **8A65F7** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D2F765**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **C599FF**, and **4E34BE** is the 20% darker color. If you saturate the color by 10%, you get **784CF7**, and if you desaturate by 10%, it is **9C7EF7**.

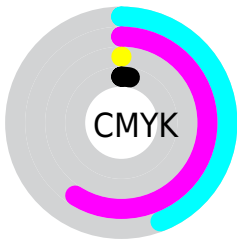
Distribution



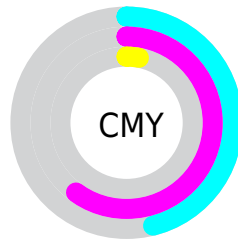
- Red (54%)
- Green (40%)
- Blue (97%)



- Red (54%)
- Yellow (40%)
- Blue (97%)



- Cyan (44%)
- Magenta (59%)
- Yellow (0%)
- Black (3%)



- Cyan (46%)
- Magenta (60%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A65F7 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 8A65F7 by changing the saturation by 10% instead.

 8A65F7

 8A65F7

FFFFFF

 6C4CDA

 C599FF

 4E34BE

 E3B5FF

 2B1CA2

 FFD0FF

 000287

 FFEDFF

 00006D

 000053

 00063B

 000224

 00010D

 8A65F7

 8A65F7

 784CF7

 9C7EF7

 6534F7

 AF96F7

 531BF7

 C1AFF7

 4002F7

 D4C8F7

 3F00F7

 E6E1F7

 F9F9F7

 FFFFF7

Harmonies

Analogous

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



0085FF



8A65F7



DD33BD

Triad

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



8A65F7



C96400



009D8B

Complementary

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



8A65F7



D2F765

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.



009A3E



8A65F7



908100

Square

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



8A65F7



F03730



3F9200



009DD2

Rectangle

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



8A65F7



F5028E



3F9200



009D72

Sweetspot

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



8A65F7



DDD1FF



65D3F7



6B6380



000000



808080

Same Dimension

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



8A65F7



784AFF



D365F7



716E7A



2F00BA



0F003B

Inverse Universe

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



F765D2



FF4AD1



8AF765



7A6E77



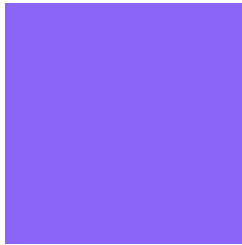
BA008B



3B002C

Previews

White Background



This preview shows how the Hex color 8A65F7 looks on a white background.

Color Contrast Check

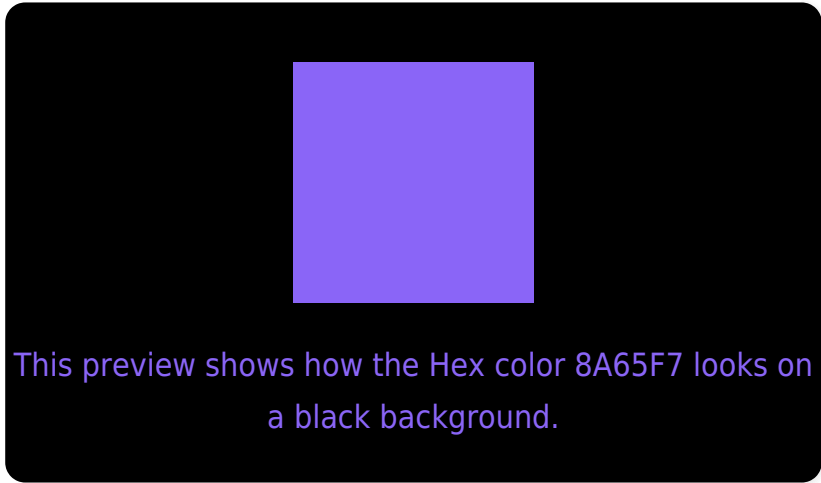
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A65F7 Background



This preview shows how black text looks on a background with the Hex color 8A65F7.

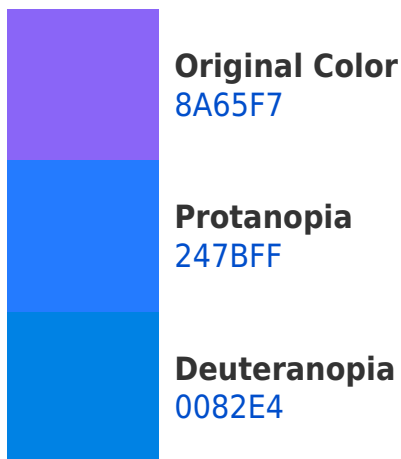


This preview shows how white text looks on a background with the Hex color 8A65F7.

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](#).

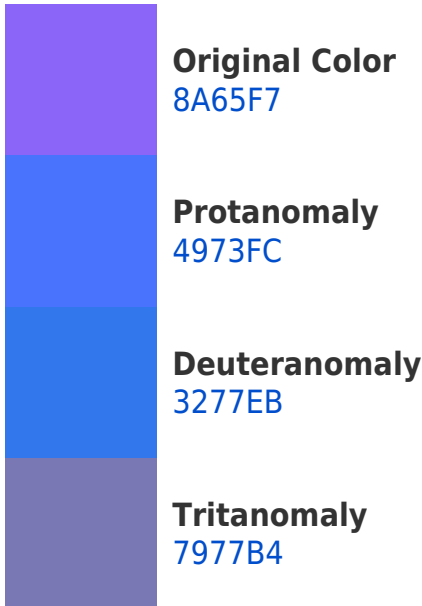
Dichromacy



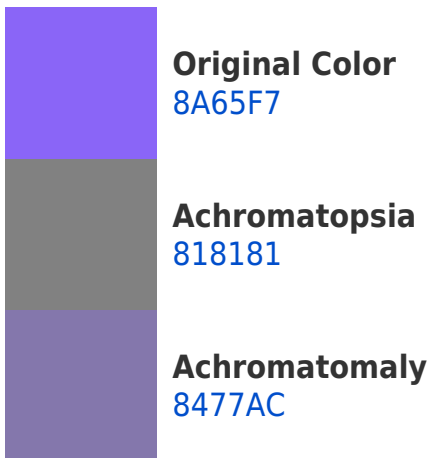


Tritanopia
6F828D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A65F7 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 #8A65F7 looks like.

```
.text, #text, p{  
    color:#8A65F7  
}
```

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 #8A65F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A65F7  
}
```

Border

The CSS property to change the border of an element to Hex 8A65F7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

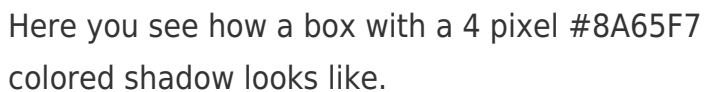
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8A65F7 }
```

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

```
.border{ border-color:#8A65F7 }
```

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



Here you see how a box with a 4 pixel #8A65F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A65F7; -webkit-box-shadow:4px 4px  
4px 4px #8A65F7; box-shadow:4px 4px 4px  
4px #8A65F7 }
```

Background

The CSS property to change the background color of an element to Hex 8A65F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A65F7 }
```

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

```
.background{ background-color:#8A65F7 }
```

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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