

# Converting Colors

Hex(8567F3)

Have a look what the booklet for  
Hex(8567F3) contains.

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**Color**

**Hex(8567F3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8567F3
RGB	133, 103, 243
RGB Percent	52%, 40%, 95%
CMY	0.4784, 0.5961, 0.0471
CMYK	0.45, 0.58, 0.00, 0.05
HSL	253°, 85%, 68%
HSV	253°, 58%, 95%
XYZ	30.7008, 21.1581, 87.2598
YIQ	127.9300, -27.0600, 49.9000

# Conversions

## Conversions Part 2

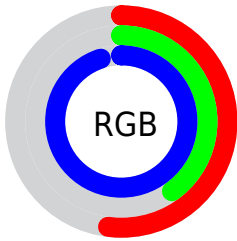
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	133, 103, 243
Decimal	8742899
CIE <sub>Lab</sub>	53.12, 45.12, -66.60
CIE <sub>LCh</sub>	53, 80.443, 304.120
Y <sub>xy</sub>	21.1581, 0.2207, 0.1521
Android (android.graphics.Color)	4286932979 (0xFF8567F3)
Y <sub>UV</sub>	127.9300, 56.7295, 4.4464
Hunter-Lab	45.9979, 38.6413, -80.2768

# Details

The Hex color **8567F3** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D5F367**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **C09BFF**, and **4936BA** is the 20% darker color. If you saturate the color by 10%, you get **724FF3**, and if you desaturate by 10%, it is **987FF3**.

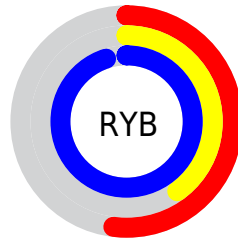
# Distribution



Red (52%)

Green (40%)

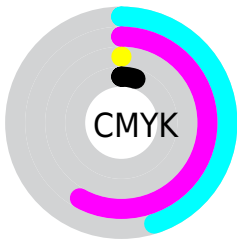
Blue (95%)



Red (52%)

Yellow (40%)

Blue (95%)

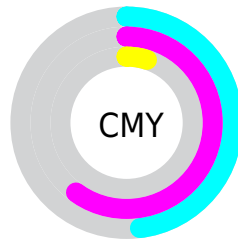


Cyan (45%)

Magenta (58%)

Yellow (0%)

Black (5%)



Cyan (48%)

Magenta (60%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8567F3 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 8567F3 by changing the saturation by 10% instead.



 8567F3

 8567F3

FFFFFF

 674ED6

 C09BFF

 4936BA

 DEB6FF

 251F9E

 FCD2FF

 000783

 FFEFFF

 000069

 000050

 000538

 000222

 000007

 8567F3

 8567F3

 724FF3

 987FF3

 5F36F3

 AB98F3

 4C1EF3

 BEB0F3

 3906F3

 D1C8F3

 3400F3

 E4E0F3

 F8F9F3

 FFFFF3

# Harmonies

## Analogous

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



0085FF



8567F3



D73BBD

# Triad

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



8567F3



C86300



009C87

# Complementary

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



8567F3



D5F367

# 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.



00983D



8567F3



927F00

# Square

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



8567F3



EC3A35



479000



009CCB

# Rectangle

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



8567F3



EF1B90



479000



009B6F



# Sweetspot

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



8567F3



DDD4FF



67D7F3



6B6680



000000



808080



# Same Dimension

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



8567F3



754FFF



C967F3



716E7A



2800BA



0D003B



# Inverse Universe

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



F367D5



FF4FD9



91F367



7A6E78



BA0092

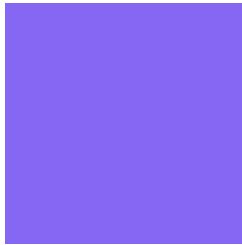


3B002E



# Previews

## White Background



This preview shows how the Hex color 8567F3 looks on a white background.

## Color Contrast Check

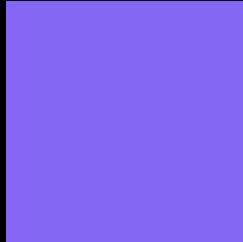
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 8567F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

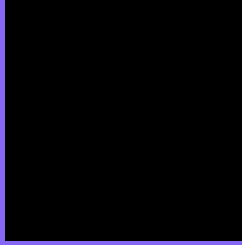
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8567F3 Background



This preview shows how black text looks on a background with the Hex color 8567F3.




This preview shows how white text looks on a background with the Hex color 8567F3.

# 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**  
6A828D

# Trichromacy



**Original Color**  
8567F3



**Protanomaly**  
4573FB



**Deuteranomaly**  
3078E9



**Tritanomaly**  
7478B2

# Monochromacy



**Original Color**  
8567F3



**Achromatopsia**  
808080



**Achromatomaly**  
8277AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8567F3 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 #8567F3 looks like.

```
.text, #text, p{  
    color:#8567F3  
}
```

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 #8567F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8567F3
}
```

## Border

The CSS property to change the border of an element to Hex 8567F3 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
#8567F3 }
```

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

```
.border{ border-color:#8567F3 }
```

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

Here you see how a box with a 4 pixel #8567F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8567F3; -webkit-box-shadow:4px 4px  
4px 4px #8567F3; box-shadow:4px 4px 4px  
4px #8567F3 }
```

# Background

The CSS property to change the background color of an element to Hex 8567F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8567F3 }
```

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

```
.background{ background-color:#8567F3 }
```

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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