

Converting Colors

Hex(8E4DF7)

Have a look what the booklet for
Hex(8E4DF7) contains.

Hex(8E4DF7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8E4DF7)

Conversions

Conversions Part 1

Format	Color
Hex	8E4DF7
RGB	142, 77, 247
RGB Percent	56%, 30%, 97%
CMY	0.4431, 0.6980, 0.0314
CMYK	0.43, 0.69, 0.00, 0.03
HSL	263°, 91%, 64%
HSV	263°, 69%, 97%
XYZ	30.5977, 17.7739, 89.8137
YIQ	115.8150, -15.8300, 66.6500

Conversions

Conversions Part 2

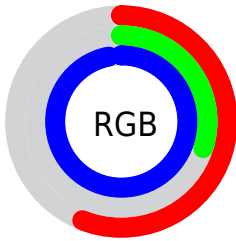
Format	Color
RYB	142, 77, 247
Decimal	9326071
CIELab	49.22, 61.55, -75.12
CIELCh	49, 97.117, 309.333
Yxy	17.7739, 0.2214, 0.1286
Android (android.graphics.Color)	4287516151 (0xFF8E4DF7)
YUV	115.8150, 64.6742, 22.9642
Hunter-Lab	42.1591, 55.7709, -96.7970

Details

The Hex color **8E4DF7** is a light color, and the websafe version is hex **9966FF**. The color can be described as light washed purple. A complement of this color would be **B6F74D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **CA82FF**, and **5014BD** is the 20% darker color. If you saturate the color by 10%, you get **7F34F7**, and if you desaturate by 10%, it is **9D66F7**.

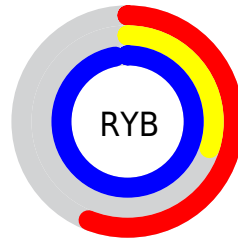
Distribution



Red (56%)

Green (30%)

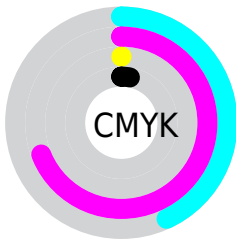
Blue (97%)



Red (56%)

Yellow (30%)

Blue (97%)

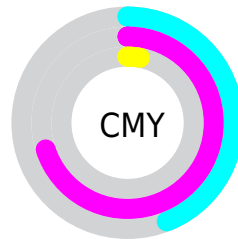


Cyan (43%)

Magenta (69%)

Yellow (0%)

Black (3%)



Cyan (44%)

Magenta (70%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E4DF7 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 8E4DF7 by changing the saturation by 10% instead.

 8E4DF7

FFFFFF

 CA82FF

 E89EFF

 FFBAFF

 FFD6FF

 FFF3FF

 8E4DF7

 7032DA

 5014BD

 2D00A2

 000086

 00006C

 000053

 00063B

 000224

 00000C

8E4DF7

8E4DF7

7F34F7

9D66F7

6F1CF7

AD7EF7

6003F7

BC97F7

5E00F7

CBB0F7

DAC9F7

EAE1F7

F9FAF7

FFFFFF7

Harmonies

Analogous

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



0079FF



8E4DF7



E500B1

Triad

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



8E4DF7



BB5A00



00958E

Complementary

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



8E4DF7



B6F74D

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.



009235



8E4DF7



787A00

Square

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



8E4DF7



EB0406



008A00



0095DD

Rectangle

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



8E4DF7



FB007B



008A00



009471

Sweetspot

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



8E4DF7



DEC9FF



4DB9F7



6C6080



000000



808080

Same Dimension

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



8E4DF7



7C2BFF



E04DF7



736E7A



4700BA



16003B

Inverse Universe

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



F74DB6



FF2BAE



64F74D



7A6E76



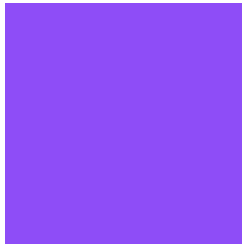
BA0073



3B0024

Previews

White Background



This preview shows how the Hex color 8E4DF7 looks on a white background.

Color Contrast Check

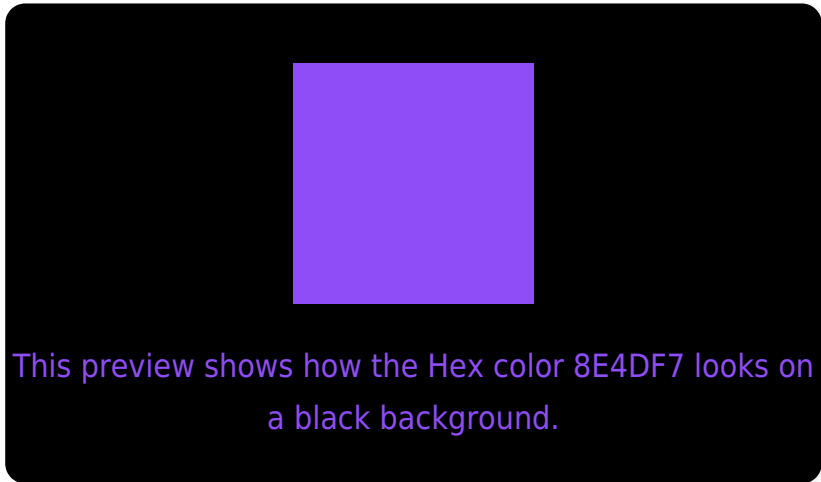
Large Text (above 18pt) WCAG AA ✓ Pass

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

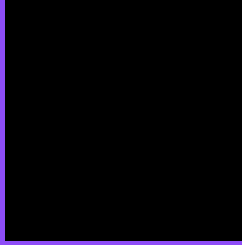
Any Text WCAG AA ✓ Pass

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 8E4DF7 Background



This preview shows how black text looks on a background with the Hex color 8E4DF7.



This preview shows how white text looks on a background with the Hex color 8E4DF7.

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
71747E

Trichromacy



Original Color
8E4DF7



Protanomaly
3464F1



Deuteranomaly
3468DD



Tritanomaly
7C66AA

Monochromacy



Original Color
8E4DF7



Achromatopsia
747474



Achromatomaly
7D66A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E4DF7 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 #8E4DF7 looks like.

```
.text, #text, p{  
  color:#8E4DF7  
}
```

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 #8E4DF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E4DF7
}
```

Border

The CSS property to change the border of an element to Hex 8E4DF7 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
#8E4DF7 }
```

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

```
.border{ border-color:#8E4DF7 }
```

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

Here you see how a box with a 4 pixel #8E4DF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E4DF7; -webkit-box-shadow:4px 4px  
4px 4px #8E4DF7; box-shadow:4px 4px 4px  
4px #8E4DF7 }
```

Background

The CSS property to change the background color of an element to Hex 8E4DF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E4DF7 }
```

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

```
.background{ background-color:#8E4DF7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor