

# Converting Colors

Hex(ED8CF4)

Have a look what the booklet for  
Hex(ED8CF4) contains.

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# Color

Hex(ED8CF4)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | ED8CF4                     |
| RGB         | 237, 140, 244              |
| RGB Percent | 93%, 55%, 96%              |
| CMY         | 0.0706, 0.4510, 0.0431     |
| CMYK        | 0.03, 0.43, 0.00, 0.04     |
| HSL         | 296°, 83%, 75%             |
| HSV         | 296°, 43%, 96%             |
| XYZ         | 60.6323, 43.2923, 90.7485  |
| YIQ         | 180.8590, 24.4280, 52.9080 |

# Conversions

## Conversions Part 2

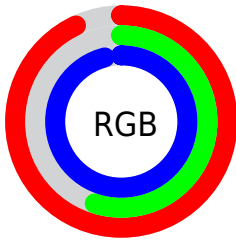
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 237, 140, 244                 |
| Decimal                             | 15568116                      |
| CIE Lab                             | 71.75, 52.17, -36.92          |
| CIE LCh                             | 72, 63.914, 324.717           |
| Yxy                                 | 43.2923, 0.3115,<br>0.2224    |
| Android<br>(android.graphics.Color) | 4293758196<br>(0xFFED8CF4)    |
| YUV                                 | 180.8590, 31.1285,<br>49.2357 |
| Hunter-Lab                          | 65.7969, 49.3443,<br>-35.7162 |

# Details

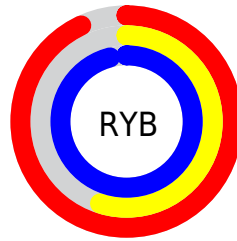
The Hex color **ED8CF4** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **93F48C**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFC4FF**, and **B356BB** is the 20% darker color. If you saturate the color by 10%, you get **EB74F4**, and if you desaturate by 10%, it is **EFA4F4**.

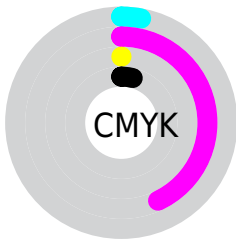
# Distribution



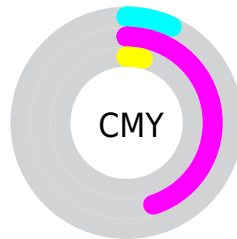
- Red (93%)
- Green (55%)
- Blue (96%)



- Red (93%)
- Yellow (55%)
- Blue (96%)



- Cyan (3%)
- Magenta (43%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (45%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED8CF4 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 ED8CF4 by changing the saturation by 10% instead.



 ED8CF4

 ED8CF4

FFFFFF

 D071D7

 FFC4FF

 B356BB

 FFE0FF

 973CA0

FFFEFF

 7C1F86

 61006C

 470053

 2F003C

 0E0025

 00010D

 ED8CF4

 ED8CF4

 EB74F4

 EFA4F4

 EA5BF4

 F0BDF4

 E843F4

 F2D5F4

 E62AF4

 F4EEF4

 E512F4

 F5FFF4

 E400F4

 F7FFF4

 F8FFF4

 FAFFF4

 FCFFF4

# Harmonies

## Analogous

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



9FA5FF



ED8CF4



FF7BBD

# Triad

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



ED8CF4



D8A933



00CCDF

# Complementary

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



ED8CF4



93F48C

# 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.



00CBA3



ED8CF4



A0BB3D

# Square

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



ED8CF4



FF9351



53C669



00C6FF

# Rectangle

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



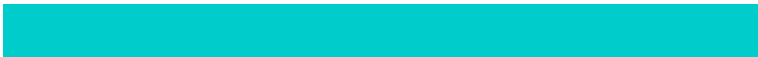
ED8CF4



FF7B95



53C669



00CCCC



# Sweetspot

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



ED8CF4



FDDEFF



8C95F4



7E6B80



000000



808080



# Same Dimension

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



ED8CF4



F67DFF



F48CC9



7A6E7A



AE00BA



37003B



# Inverse Universe

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



F48C93



FF7D86



8CF4B7



7A6E6F



BA000D

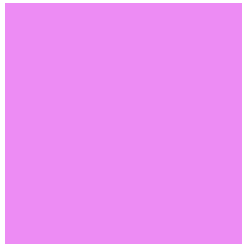


3B0004



# Previews

## White Background



This preview shows how the Hex color ED8CF4 looks on a white background.

## Color Contrast Check

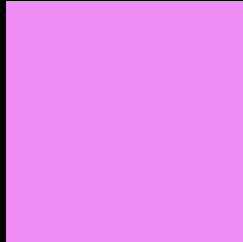
Large Text (above 18pt) WCAG AA × Fail

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 ED8CF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

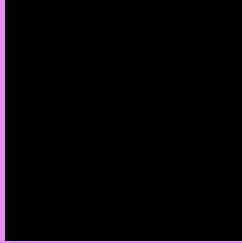
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex ED8CF4 Background



This preview shows how black text looks on a background with the Hex color ED8CF4.

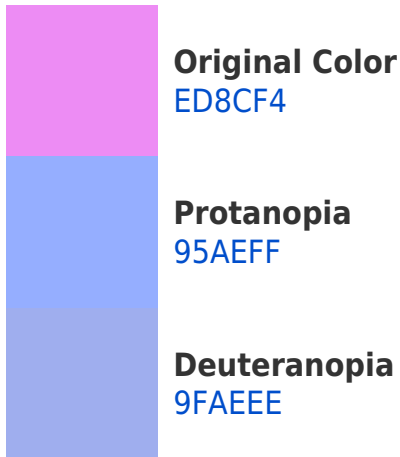


This preview shows how white text looks on a background with the Hex color ED8CF4.

# 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**  
E39DA9

# Trichromacy



**Original Color**  
ED8CF4



**Protanomaly**  
B5A2FB



**Deuteranomaly**  
BBA2F0



**Tritanomaly**  
E797C4

# Monochromacy



**Original Color**  
ED8CF4



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
C9A6CC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED8CF4 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 #ED8CF4 looks like.

```
.text, #text, p{  
    color:#ED8CF4  
}
```

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 #ED8CF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED8CF4
}
```

## Border

The CSS property to change the border of an element to Hex ED8CF4 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
#ED8CF4 }
```

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

```
.border{ border-color:#ED8CF4 }
```

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

Here you see how a box with a 4 pixel #ED8CF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED8CF4; -webkit-box-shadow:4px 4px  
4px 4px #ED8CF4; box-shadow:4px 4px 4px  
4px #ED8CF4 }
```

# Background

The CSS property to change the background color of an element to Hex ED8CF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED8CF4 }
```

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

```
.background{ background-color:#ED8CF4 }
```

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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