

Converting Colors

Hex(E828F2)

Have a look what the booklet for
Hex(E828F2) contains.

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Color

Hex(E828F2)

Conversions

Conversions Part 1

Format	Color
Hex	E828F2
RGB	232, 40, 242
RGB Percent	91%, 16%, 95%
CMY	0.0902, 0.8431, 0.0510
CMYK	0.04, 0.83, 0.00, 0.05
HSL	297°, 89%, 55%
HSV	297°, 83%, 95%
XYZ	50.0645, 25.0842, 86.2074
YIQ	120.4360, 49.5900, 103.5260

Conversions

Conversions Part 2

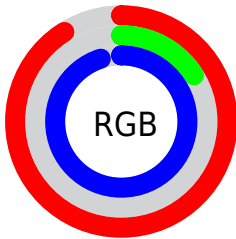
Format	Color
RYB	232, 40, 242
Decimal	15214834
CIELab	57.16, 88.47, -58.89
CIElCh	57, 106.275, 326.350
Yxy	25.0842, 0.3103, 0.1555
Android (android.graphics.Color)	4293404914 (0xFFE828F2)
YUV	120.4360, 59.9311, 97.8416
Hunter-Lab	50.0841, 90.7829, -66.9942

Details

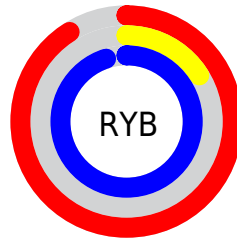
The Hex color **E828F2** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **32F228**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF71FF**, and **AC00B9** is the 20% darker color. If you saturate the color by 10%, you get **E710F2**, and if you desaturate by 10%, it is **E940F2**.

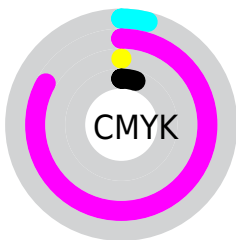
Distribution



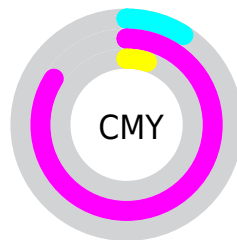
- Red (91%)
- Green (16%)
- Blue (95%)



- Red (91%)
- Yellow (16%)
- Blue (95%)



- Cyan (4%)
- Magenta (83%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (84%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color E828F2 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 E828F2 by changing the saturation by 10% instead.

 E828F2

FFFFFF

 FF71FF

 FF90FF

 FFAEFF

 FFCDFD

 FFE8FF

 E828F2

 CA00D5

 AC00B9

 8E009D

 700083

 530069

 370050

 160037

 000221

 000006

 E828F2

 E828F2

 E710F2

 E940F2

 E600F2

 EA58F2

 EC71F2

 ED89F2

 EEA1F2

 EFB9F2

 F0D1F2

 F2EAF2

 F3FFF2

Harmonies

Analogous

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



4076FF



E828F2



FF0099

Triad

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



E828F2



B18200



00AEDA

Complementary

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



E828F2



32F228

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.



00AC7B



E828F2



549B00

Square

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



E828F2



F45200



00A700



00AAFF

Rectangle

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



E828F2



FF005C



00A700



00ADB8

Sweetspot

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



E828F2



FCBFFF



2832F2



7E5980



000000



808080

Same Dimension

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



E828F2



F200FF



F22897



776C78



AF00B8



350038

Inverse Universe

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



F22832



FF000D



28F283



786C6C



B80009



380003

Previews

White Background



This preview shows how the Hex color E828F2 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

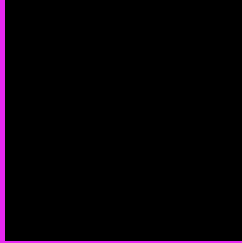
Any Text WCAG AA ✓ Pass

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 E828F2 Background



This preview shows how black text looks on a background with the Hex color E828F2.

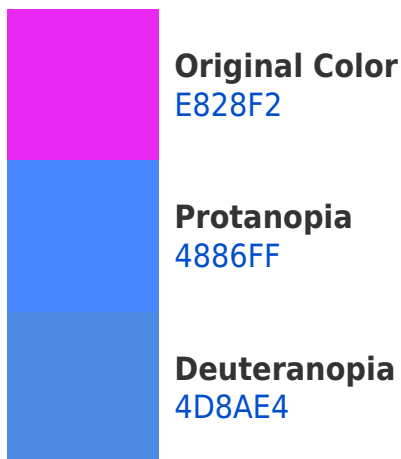


This preview shows how white text looks on a background with the Hex color E828F2.

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](#).

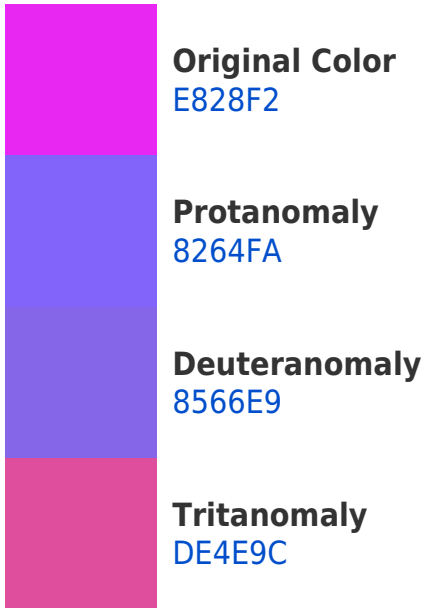
Dichromacy



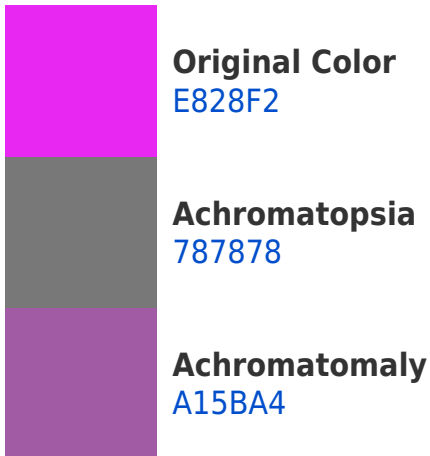


Tritanopia
D8646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E828F2 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 #E828F2 looks like.

```
.text, #text, p{  
    color:#E828F2  
}
```

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 #E828F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E828F2
}
```

Border

The CSS property to change the border of an element to Hex E828F2 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
#E828F2 }
```

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

```
.border{ border-color:#E828F2 }
```

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

Here you see how a box with a 4 pixel #E828F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E828F2; -webkit-box-shadow:4px 4px  
4px 4px #E828F2; box-shadow:4px 4px 4px  
4px #E828F2 }
```

Background

The CSS property to change the background color of an element to Hex E828F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E828F2 }
```

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

```
.background{ background-color:#E828F2 }
```

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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