

# Converting Colors

Hex(E481F2)

Have a look what the booklet for  
Hex(E481F2) contains.

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# **Color**

**Hex(E481F2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E481F2
RGB	228, 129, 242
RGB Percent	89%, 51%, 95%
CMY	0.1059, 0.4941, 0.0510
CMYK	0.06, 0.47, 0.00, 0.05
HSL	293°, 81%, 73%
HSV	293°, 47%, 95%
XYZ	55.8722, 38.6053, 88.5112
YIQ	171.4830, 22.7310, 56.1310

# Conversions

## Conversions Part 2

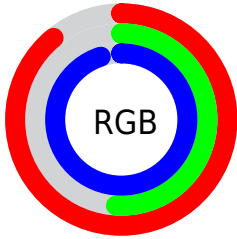
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 129, 242
Decimal	14975474
CIE Lab	68.46, 54.78, -41.03
CIE LCh	68, 68.438, 323.167
Yxy	38.6053, 0.3053, 0.2110
Android (android.graphics.Color)	4293165554 (0xFFE481F2)
YUV	171.4830, 34.7649, 49.5654
Hunter-Lab	62.1332, 51.7800, -40.9678

# Details

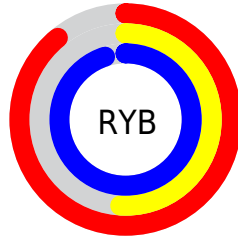
The Hex color **E481F2** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8FF281**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFB8FF**, and **AA4BB9** is the 20% darker color. If you saturate the color by 10%, you get **E169F2**, and if you desaturate by 10%, it is **E799F2**.

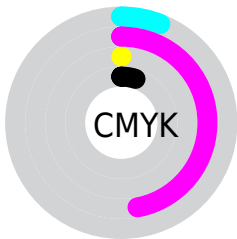
# Distribution



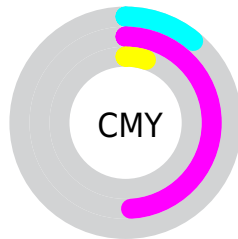
- Red (89%)
- Green (51%)
- Blue (95%)



- Red (89%)
- Yellow (51%)
- Blue (95%)



- Cyan (6%)
- Magenta (47%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (49%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E481F2 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 E481F2 by changing the saturation by 10% instead.



 E481F2

FFFFFF

 FFB8FF

 FFD5FF

 FFF2FF

 E481F2

 C766D5

 AA4BB9

 8E309E

 730F84

 58006A

 3E0051

 27003A

 000023

 000009

 E481F2

 E481F2

 E169F2

 E799F2

 DE51F2

 EAB1F2

 DB38F2

 EDCAF2

 D820F2

 F0E2F2

 D508F2

 F3FAF2

 D400F2

 F6FFF2

 F9FFF2

 FCFFF2

 FFFFF2

# Harmonies

## Analogous

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



8C9DFF



E481F2



FF6CB8

# Triad

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



E481F2



D29F1A



00C4D6

# Complementary

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



E481F2



8FF281

# 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.



00C396



E481F2



98B225

# Square

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



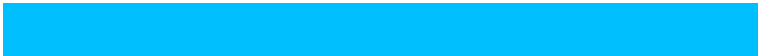
E481F2



FE8644



44BE58



00BFFF

# Rectangle

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



E481F2



FF6B8E



44BE58



00C4C1



# Sweetspot

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



E481F2



FBDBFF



8190F2



7D6A80



000000



808080



# Same Dimension

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



E481F2



ED70FF



F281C9



766C78



A100B8



310038



# Inverse Universe

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



F2818F



FF7082



81F2AA



786C6D



B80017



380007



# Previews

## White Background



This preview shows how the Hex color E481F2 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

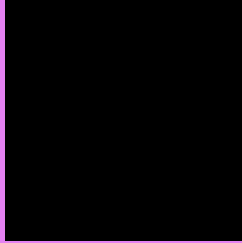
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E481F2 Background



This preview shows how black text looks on a background with the Hex color E481F2.

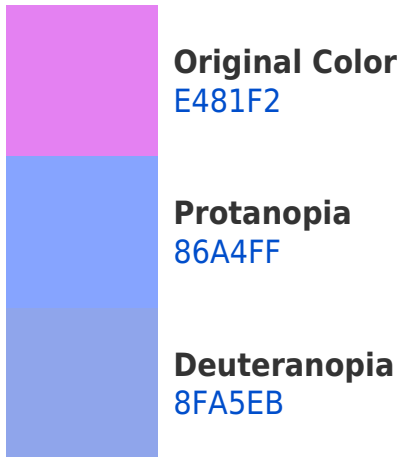



This preview shows how white text looks on a background with the Hex color E481F2.

# 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**  
D9949F

# Trichromacy



**Original Color**  
E481F2



**Protanomaly**  
A897FA



**Deuteranomaly**  
AE98EE



**Tritanomaly**  
DD8DBD

# Monochromacy



**Original Color**  
E481F2



**Achromatopsia**  
ABABAB



**Achromatomaly**  
C09CC5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E481F2 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 #E481F2 looks like.

```
.text, #text, p{  
    color:#E481F2  
}
```

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 #E481F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E481F2
}
```

## Border

The CSS property to change the border of an element to Hex E481F2 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
#E481F2 }
```

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

```
.border{ border-color:#E481F2 }
```

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

Here you see how a box with a 4 pixel #E481F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E481F2; -webkit-box-shadow:4px 4px  
4px 4px #E481F2; box-shadow:4px 4px 4px  
4px #E481F2 }
```

# Background

The CSS property to change the background color of an element to Hex E481F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E481F2 }
```

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

```
.background{ background-color:#E481F2 }
```

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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