

# Converting Colors

Hex(E981E8)

Have a look what the booklet for  
Hex(E981E8) contains.

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# Color

**Hex(E981E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E981E8
RGB	233, 129, 232
RGB Percent	91%, 51%, 91%
CMY	0.0863, 0.4941, 0.0902
CMYK	0.00, 0.45, 0.00, 0.09
HSL	301°, 70%, 71%
HSV	301°, 45%, 91%
XYZ	56.0200, 38.8503, 80.8902
YIQ	171.8380, 28.9210, 54.0810

# Conversions

## Conversions Part 2

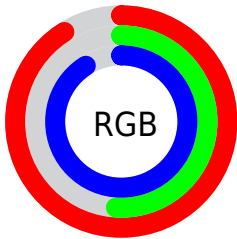
Format	Color
R <sub>Y</sub> B	233, 129, 232
Decimal	15303144
CIE Lab	68.64, 54.38, -35.20
CIE LCh	69, 64.777, 327.082
Yxy	38.8503, 0.3187, 0.2210
Android (android.graphics.Color)	4293493224 (0xFFE981E8)
YUV	171.8380, 29.6599, 53.6391
Hunter-Lab	62.3300, 51.3518, -33.3139

# Details

The Hex color **E981E8** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81E982**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFB9FF**, and **AF4BB0** is the 20% darker color. If you saturate the color by 10%, you get **E96AE8**, and if you desaturate by 10%, it is **E998E8**.

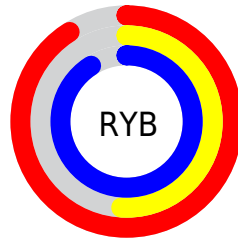
# Distribution



Red (91%)

Green (51%)

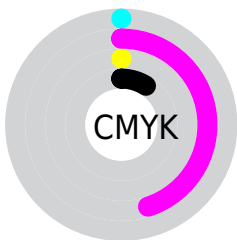
Blue (91%)



Red (91%)

Yellow (51%)

Blue (91%)

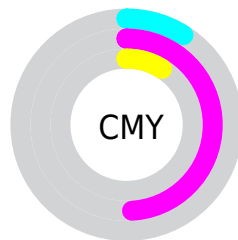


Cyan (0%)

Magenta (45%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (49%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E981E8 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 E981E8 by changing the saturation by 10% instead.



 E981E8

 E981E8

FFFFFF

 CC66CC

 FFB9FF

 AF4BB0

 FFD5FF

 932F95

 FFF2FF

 780D7B

 5D0062

 430049

 2C0032

 00001C

 000000

 E981E8

 E981E8

 E96AE8

 E998E8

 E952E8

 E9B0E8

 E93BE7

 E9C7E9

 E924E7

 E9DEE9

 E90CE7

 E9F6E9

 E900E7

 E9FFE9

 E9FFEA

# Harmonies

## Analogous

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



9E9AFF



E981E8



FF71B0

# Triad

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



E981E8



CBA326



00C3DB

# Complementary

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



E981E8



81E982

# 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.



00C3A0



E981E8



92B435

# Square

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



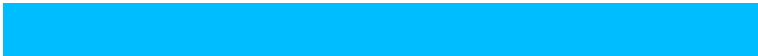
E981E8



F78C44



3EBE64



00BDFE

# Rectangle

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



E981E8



FF7288



3EBE64



00C4C8



# Sweetspot

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



E981E8



FFDEFF



8181E9



806B7F



000000



808080



# Same Dimension

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



E981E8



FF75FE



E981B5



756A75



B500B3



360035



# Inverse Universe

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



E981E8



FF75FE



81E9B5



756A75



B500B3

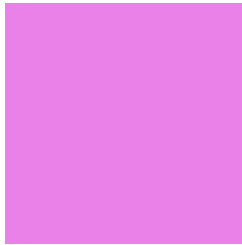


360035



# Previews

## White Background



This preview shows how the Hex color E981E8 looks on a white background.

## Color Contrast Check

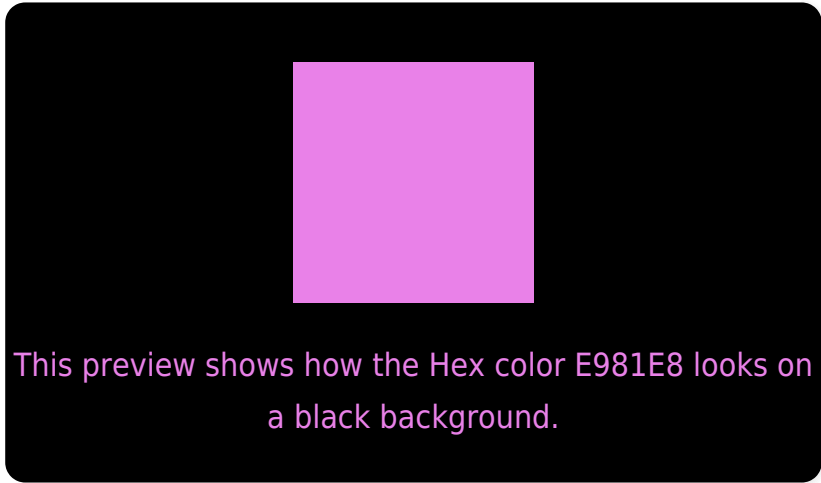
Large Text (above 18pt) WCAG AA × Fail

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 E981E8 Background



This preview shows how black text looks on a background with the Hex color E981E8.

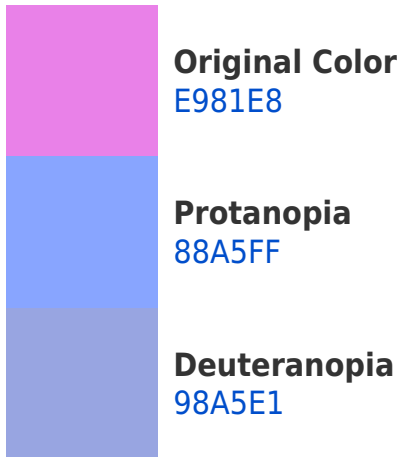



This preview shows how white text looks on a background with the Hex color E981E8.

# 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**  
E0929D

# Trichromacy



**Original Color**  
E981E8



**Protanomaly**  
AB98F7



**Deuteranomaly**  
B598E4



**Tritanomaly**  
E38CB8

# Monochromacy



**Original Color**  
E981E8



**Achromatopsia**  
ACACAC



**Achromatomaly**  
C29CC2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E981E8 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 #E981E8 looks like.

```
.text, #text, p{  
    color:#E981E8  
}
```

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 #E981E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E981E8
}
```

## Border

The CSS property to change the border of an element to Hex E981E8 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
#E981E8 }
```

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

```
.border{ border-color:#E981E8 }
```

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

Here you see how a box with a 4 pixel #E981E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E981E8; -webkit-box-shadow:4px 4px  
4px 4px #E981E8; box-shadow:4px 4px 4px  
4px #E981E8 }
```

# Background

The CSS property to change the background color of an element to Hex E981E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E981E8 }
```

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

```
.background{ background-color:#E981E8 }
```

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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