

# Converting Colors

Hex(E981B4)

Have a look what the booklet for  
Hex(E981B4) contains.

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# Color

**Hex(E981B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E981B4
RGB	233, 129, 180
RGB Percent	91%, 51%, 71%
CMY	0.0863, 0.4941, 0.2941
CMYK	0.00, 0.45, 0.23, 0.09
HSL	331°, 70%, 71%
HSV	331°, 45%, 91%
XYZ	49.6927, 36.3194, 47.5713
YIQ	165.9100, 45.6130, 37.9090

# Conversions

## Conversions Part 2

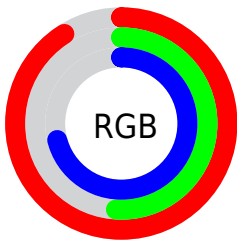
Format	Color
R <sub>Y</sub> B	233, 129, 180
Decimal	15303092
CIE Lab	66.76, 46.06, -9.07
CIE LCh	67, 46.944, 348.866
Yxy	36.3194, 0.3720, 0.2719
Android (android.graphics.Color)	4293493172 (0xFFE981B4)
YUV	165.9100, 6.9464, 58.8379
Hunter-Lab	60.2656, 41.7195, -4.6152

# Details

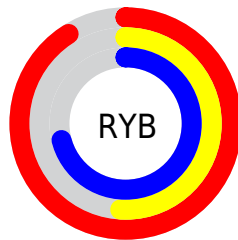
The Hex color **E981B4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81E9B6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFB8EC**, and **AF4C7F** is the 20% darker color. If you saturate the color by 10%, you get **E96AA8**, and if you desaturate by 10%, it is **E998C0**.

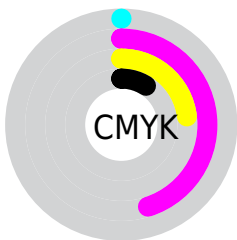
# Distribution



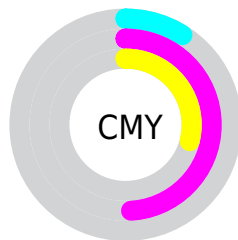
- Red (91%)
- Green (51%)
- Blue (71%)



- Red (91%)
- Yellow (51%)
- Blue (71%)



- Cyan (0%)
- Magenta (45%)
- Yellow (23%)
- Black (9%)



- Cyan (9%)
- Magenta (49%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E981B4 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 E981B4 by changing the saturation by 10% instead.



 E981B4

 E981B4

FFFFFF

 CC6699

 FFB8EC

 AF4C7F

 FFD4FF

 933266

 FFF1FF

 77144E

 5C0037

 420022

 2B000A

 000000

 E981B4

 E981B4

 E96AA8

 E998C0

 E9529C

 E9B0CC

 E93B90

 E9C7D8

 E92485

 E9DEE3

 E90C79

 E9F6EF

 E90072

 E9FFFB

 E9FFFF

# Harmonies

## Analogous

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



C78DDA



E981B4



F28089

# Triad

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



E981B4



A2A850



00B4E1

# Complementary

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



E981B4



81E9B6

# 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.



00B8BC



E981B4



71B269

# Square

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



E981B4



C99B4E



25B791



28ABF5

# Rectangle

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



E981B4



EC8770



25B791



00B6D6



# Sweetspot

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



E981B4



FFDEEE



B581E9



806B75



000000



808080



# Same Dimension

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



E981B4



FF75B9



E98181



756A6F



B50059



36001A



# Inverse Universe

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



E981B4



FF75B9



81E9E9



756A6F



B50059

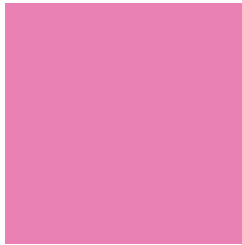


36001A



# Previews

## White Background



This preview shows how the Hex color E981B4 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 E981B4 Background



This preview shows how black text looks on a background with the Hex color E981B4.



This preview shows how white text looks on a background with the Hex color E981B4.

# 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**  
E68892

# Trichromacy



**Original Color**  
E981B4



**Protanomaly**  
B795C1



**Deuteranomaly**  
C393B1



**Tritanomaly**  
E7859E

# Monochromacy



**Original Color**  
E981B4



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
BE99AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E981B4 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 #E981B4 looks like.

```
.text, #text, p{  
    color:#E981B4  
}
```

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 #E981B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E981B4
}
```

## Border

The CSS property to change the border of an element to Hex E981B4 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
#E981B4 }
```

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

```
.border{ border-color:#E981B4 }
```

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

Here you see how a box with a 4 pixel #E981B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E981B4; -webkit-box-shadow:4px 4px  
4px 4px #E981B4; box-shadow:4px 4px 4px  
4px #E981B4 }
```

# Background

The CSS property to change the background color of an element to Hex E981B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E981B4 }
```

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

```
.background{ background-color:#E981B4 }
```

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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