

# Converting Colors

Hex(E976BA)

Have a look what the booklet for  
Hex(E976BA) contains.

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**Color**

**Hex(E976BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E976BA
RGB	233, 118, 186
RGB Percent	91%, 46%, 73%
CMY	0.0863, 0.5373, 0.2706
CMYK	0.00, 0.49, 0.20, 0.09
HSL	325°, 72%, 69%
HSV	325°, 49%, 91%
XYZ	48.9456, 33.8257, 50.4037
YIQ	160.1370, 46.7120, 45.5280

# Conversions

## Conversions Part 2

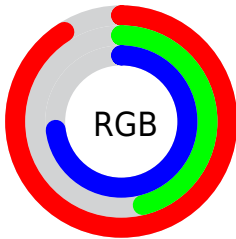
Format	Color
R <sub>Y</sub> B	233, 118, 186
Decimal	15300282
CIE Lab	64.82, 52.39, -15.36
CIE LCh	65, 54.597, 343.657
Yxy	33.8257, 0.3675, 0.2540
Android (android.graphics.Color)	4293490362 (0xFFE976BA)
YUV	160.1370, 12.7505, 63.9009
Hunter-Lab	58.1598, 48.4407, -10.6712

# Details

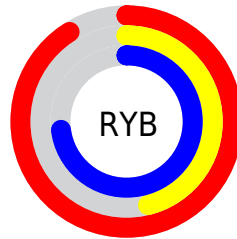
The Hex color **E976BA** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **76E9A5**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFADF2**, and **AF4085** is the 20% darker color. If you saturate the color by 10%, you get **E95FB0**, and if you desaturate by 10%, it is **E98DC4**.

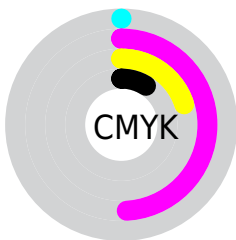
# Distribution



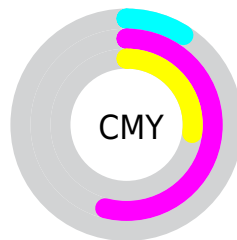
- Red (91%)
- Green (46%)
- Blue (73%)



- Red (91%)
- Yellow (46%)
- Blue (73%)



- Cyan (0%)
- Magenta (49%)
- Yellow (20%)
- Black (9%)



- Cyan (9%)
- Magenta (54%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E976BA 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 E976BA by changing the saturation by 10% instead.



 E976BA

 E976BA

FFFFFF

 CC5B9F

 FFADF2

 AF4085

 FFCAFF

 92236B

 FFE7FF

 770053

 5C003C

 410026

 280010

 000000

 E976BA

 E976BA

 E95FB0

 E98DC4

 E947A7

 E9A5CD

 E9309D

 E9BCD7

 E91994

 E9D3E0

 E9028A

 E9EBEA

 E9008A

 E9FFF3

 E9FFFD

 E9FFFF

# Harmonies

## Analogous

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



BD87E4



E976BA



F87289

# Triad

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



E976BA



A3A238



00B3E0

# Complementary

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



E976BA



76E9A5

# 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.



00B5B3



E976BA



6DAD53

# Square

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



E976BA



CF913D



00B480



00AAFF

# Rectangle

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



E976BA



F3796A



00B480



00B4D2



# Sweetspot

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



E976BA



FFD9EF



A476E9



806976



000000



808080



# Same Dimension

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



E976BA



FF69C2



E97682



756A71



B5006B



360020



# Inverse Universe

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



E976BA



FF69C2



76E9DE



756A71



B5006B



360020



# Previews

## White Background



This preview shows how the Hex color E976BA 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 E976BA Background



This preview shows how black text looks on a background with the Hex color E976BA.

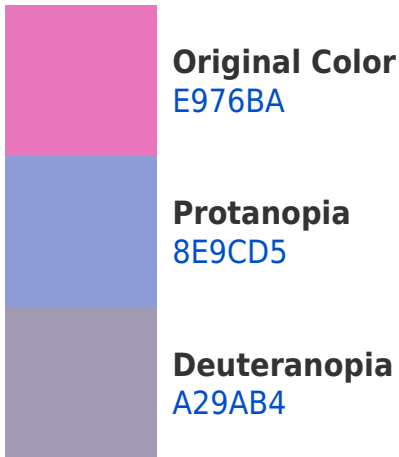


This preview shows how white text looks on a background with the Hex color E976BA.

# 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](#).

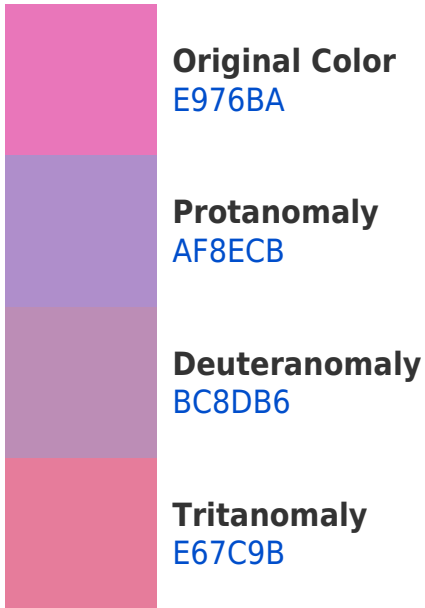
## Dichromacy



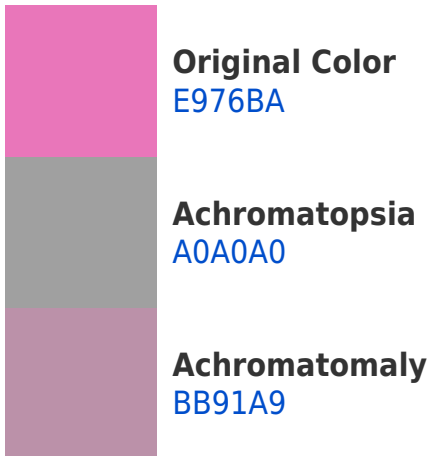


**Tritanopia**  
E48089

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E976BA 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 #E976BA looks like.

```
.text, #text, p{  
    color:#E976BA  
}
```

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 #E976BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E976BA
}
```

## Border

The CSS property to change the border of an element to Hex E976BA 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
#E976BA }
```

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

```
.border{ border-color:#E976BA }
```

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

Here you see how a box with a 4 pixel #E976BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E976BA; -webkit-box-shadow:4px 4px  
4px 4px #E976BA; box-shadow:4px 4px 4px  
4px #E976BA }
```

# Background

The CSS property to change the background color of an element to Hex E976BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E976BA }
```

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

```
.background{ background-color:#E976BA }
```

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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