

# Converting Colors

Hex(E180AF)

Have a look what the booklet for  
Hex(E180AF) contains.

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# **Color**

**Hex(E180AF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E180AF
RGB	225, 128, 175
RGB Percent	88%, 50%, 69%
CMY	0.1176, 0.4980, 0.3137
CMYK	0.00, 0.43, 0.22, 0.12
HSL	331°, 62%, 69%
HSV	331°, 43%, 88%
XYZ	46.5084, 34.5410, 44.7733
YIQ	162.3610, 42.7250, 35.1810

# Conversions

## Conversions Part 2

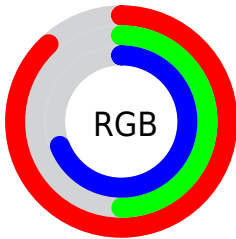
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 128, 175
Decimal	14778543
CIE Lab	65.39, 43.19, -8.40
CIE LCh	65, 43.995, 348.996
Yxy	34.5410, 0.3696, 0.2745
Android (android.graphics.Color)	4292968623 (0xFFE180AF)
YUV	162.3610, 6.2310, 54.9344
Hunter-Lab	58.7716, 38.4039, -4.0280

# Details

The Hex color **E180AF** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **80E1B2**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB7E7**, and **A84C7B** is the 20% darker color. If you saturate the color by 10%, you get **E16AA3**, and if you desaturate by 10%, it is **E197BB**.

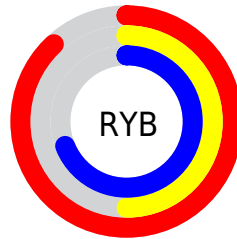
# Distribution



Red (88%)

Green (50%)

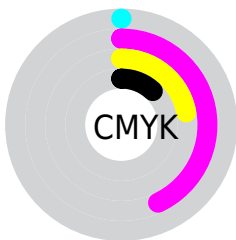
Blue (69%)



Red (88%)

Yellow (50%)

Blue (69%)

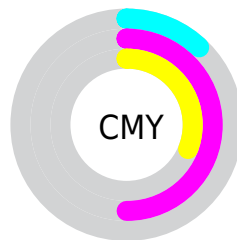


Cyan (0%)

Magenta (43%)

Yellow (22%)

Black (12%)



Cyan (12%)

Magenta (50%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the Hex color E180AF 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 E180AF by changing the saturation by 10% instead.



 E180AF

 E180AF

FFFFFF

 C46694


 FFB7E7

 A84C7B

 FFD3FF

 8C3262

 FFF0FF

 71164A

 560033

 3C001E

 250002


 000000

 E180AF

 E180AF

 E16AA3

 E197BB

 E15398


 E1ADC6

 E13C8C

 E1C3D2

 E12681

 E1DADD

 E11075

 E1F0E9

 E1006D

 E1FFF5

 E1FFFF

# Harmonies

## Analogous

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



C18BD3



E180AF



EA7F87

# Triad

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



E180AF



9EA452



00B0D9

# Complementary

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



E180AF



80E1B2

# 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.



00B3B7



E180AF



71AD69

# Square

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



E180AF



C49750



31B28E



38A7EC

# Rectangle

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



E180AF



E4856F



31B28E



00B1CF



# Sweetspot

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



E180AF



FFDEEE



B180E1



806B75



000000



808080



# Same Dimension

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



E180AF



FF7ABB



E18080



70656A



B00055



300017



# Inverse Universe

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



E180AF



FF7ABB



80E1E1



70656A



B00055



300017



# Previews

## White Background



This preview shows how the Hex color E180AF looks on a white background.

## Color Contrast Check

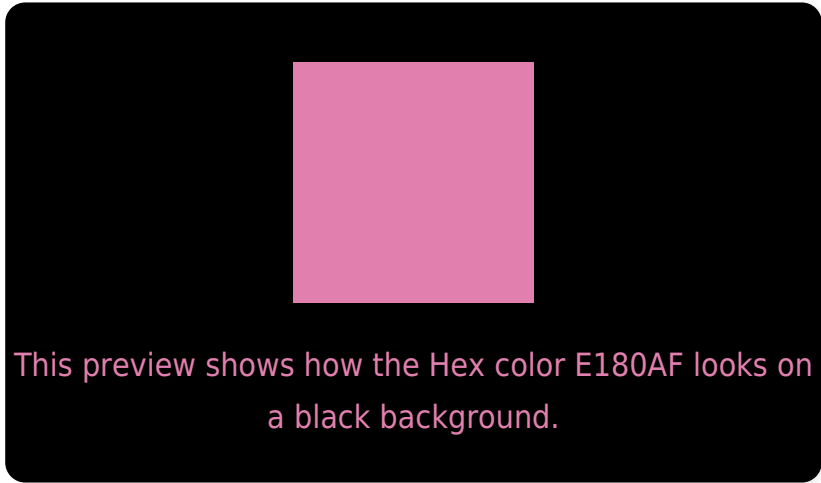
Large Text (above 18pt) WCAG AA × Fail

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 E180AF Background



This preview shows how black text looks on a background with the Hex color E180AF.

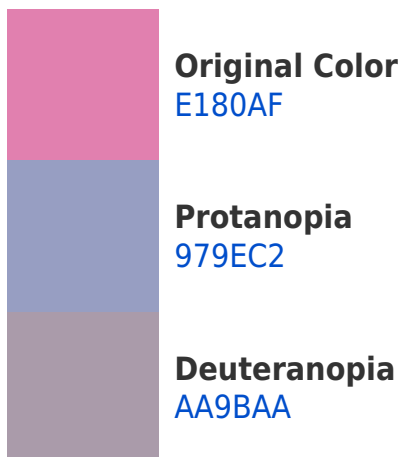



This preview shows how white text looks on a background with the Hex color E180AF.

# 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](#).

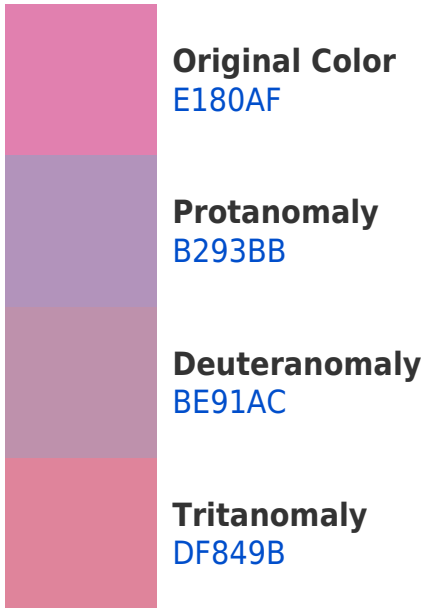
## Dichromacy





**Tritanopia**  
DE8690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E180AF 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 #E180AF looks like.

```
.text, #text, p{  
    color:#E180AF  
}
```

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 #E180AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E180AF
}
```

## Border

The CSS property to change the border of an element to Hex E180AF 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
#E180AF }
```

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

```
.border{ border-color:#E180AF }
```

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

Here you see how a box with a 4 pixel #E180AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E180AF; -webkit-box-shadow:4px 4px  
4px 4px #E180AF; box-shadow:4px 4px 4px  
4px #E180AF }
```

# Background

The CSS property to change the background color of an element to Hex E180AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E180AF }
```

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

```
.background{ background-color:#E180AF }
```

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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