

# Converting Colors

Hex(E804A4)

Have a look what the booklet for  
Hex(E804A4) contains.

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**Color**

**Hex(E804A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E804A4
RGB	232, 4, 164
RGB Percent	91%, 2%, 64%
CMY	0.0902, 0.9843, 0.3569
CMYK	0.00, 0.98, 0.29, 0.09
HSL	318°, 97%, 46%
HSV	318°, 98%, 91%
XYZ	40.0230, 19.9230, 36.8580
YIQ	90.4120, 84.5280, 98.0960

# Conversions

## Conversions Part 2

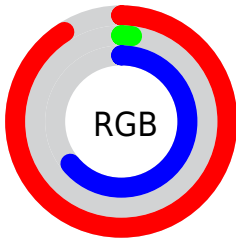
<b>Format</b>	<b>Color</b>
<b>RYB</b>	232, 4, 164
Decimal	15205540
CIELab	51.75, 82.74, -22.58
CIELCh	52, 85.765, 344.738
Yxy	19.9230, 0.4134, 0.2058
Android (android.graphics.Color)	4293395620 (0xFFE804A4)
YUV	90.4120, 36.2789, 124.1727
Hunter-Lab	44.6352, 81.9439, -17.7148

# Details

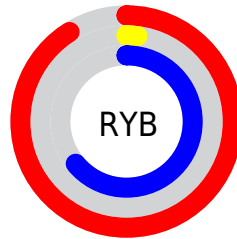
The Hex color **E804A4** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **04E848**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF61DB**, and **AB0070** is the 20% darker color. If you saturate the color by 10%, you get **E800A3**, and if you desaturate by 10%, it is **E81BAB**.

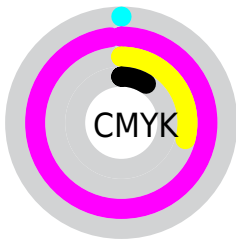
# Distribution



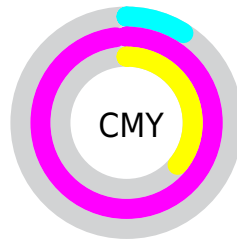
- Red (91%)
- Green (2%)
- Blue (64%)



- Red (91%)
- Yellow (2%)
- Blue (64%)



- Cyan (0%)
- Magenta (98%)
- Yellow (29%)
- Black (9%)



- Cyan (9%)
- Magenta (98%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E804A4 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 E804A4 by changing the saturation by 10% instead.



 E804A4

 E804A4

FFFFFF

 C9008A

 FF61DB

 AB0070

 FF81F8

 8D0057

 FF9FFF

 6F0040

 FFBDFF

 53002A

 FFDCFF

 350014

 FFFAFF

 0B0000

 000000

 E804A4

 E804A4

 E800A3

 E81BAB

 E832B2

 E84AB9

 E861C0

 E878C7

 E88FCE

 E8A6D4

 E8BEDB

 E8D5E2

# Harmonies

## Analogous

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



A851E5



E804A4



F8005B

# Triad

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



E804A4



758300



0098E3

# Complementary

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



E804A4



04E848

# 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.



009A9F



E804A4



009100

# Square

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



E804A4



B46A00



009752



008FFF

# Rectangle

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



E804A4



ED2B2B



009752



0099CE



# Sweetspot

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



E804A4



FFB5E9



4504E8



805372



000000



808080



# Same Dimension

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



E804A4



FF00B3



E80435



73676F



B3007D



330024



# Inverse Universe

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



E804A4



FF00B3



04E8B7



73676F



B3007D



330024



# Previews

## White Background



This preview shows how the Hex color E804A4 looks on a white background.

## Color Contrast Check

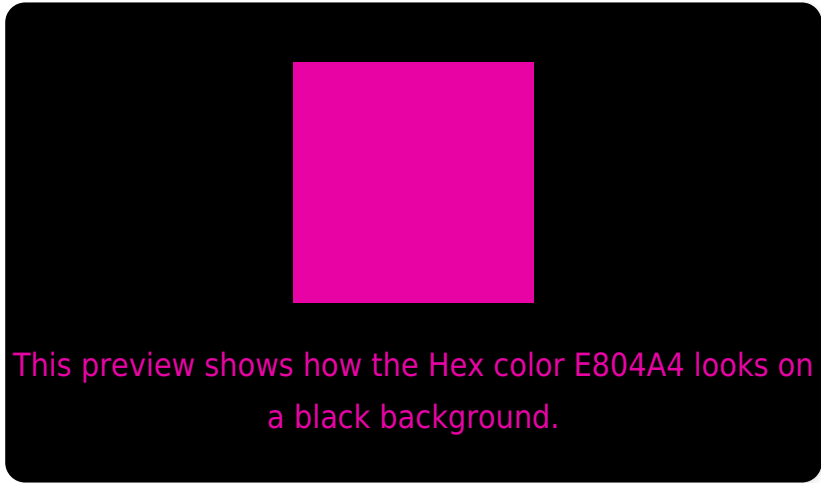
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex E804A4 Background



This preview shows how black text looks on a background with the Hex color E804A4.

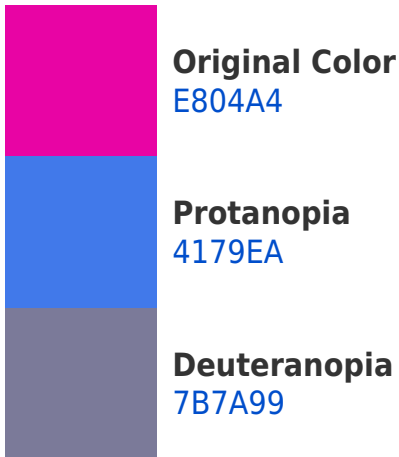


This preview shows how white text looks on a background with the Hex color E804A4.

# 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**  
E14144

# Trichromacy



**Original Color**  
E804A4



**Protanomaly**  
7E4ED1



**Deuteranomaly**  
A34F9D



**Tritanomaly**  
E42B67

# Monochromacy



**Original Color**  
E804A4



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
8E3B75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E804A4 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 #E804A4 looks like.

```
.text, #text, p{  
    color:#E804A4  
}
```

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 #E804A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E804A4
}
```

## Border

The CSS property to change the border of an element to Hex E804A4 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
#E804A4 }
```

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

```
.border{ border-color:#E804A4 }
```

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

Here you see how a box with a 4 pixel #E804A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E804A4; -webkit-box-shadow:4px 4px  
4px 4px #E804A4; box-shadow:4px 4px 4px  
4px #E804A4 }
```

# Background

The CSS property to change the background color of an element to Hex E804A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E804A4 }
```

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

```
.background{ background-color:#E804A4 }
```

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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