

# Converting Colors

Hex(E04A9D)

Have a look what the booklet for  
Hex(E04A9D) contains.

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# Color

Hex(E04A9D)

# Conversions

## Conversions Part 1

Format	Color
Hex	E04A9D
RGB	224, 74, 157
RGB Percent	88%, 29%, 62%
CMY	0.1216, 0.7098, 0.3843
CMYK	0.00, 0.67, 0.30, 0.12
HSL	327°, 71%, 58%
HSV	327°, 67%, 88%
XYZ	39.2751, 23.1792, 34.3023
YIQ	128.3120, 62.7570, 57.6130

# Conversions

## Conversions Part 2

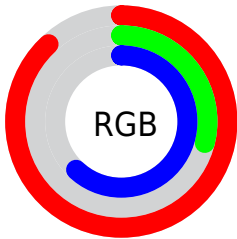
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	224, 74, 157
Decimal	14699165
CIE Lab	55.26, 65.28, -13.23
CIE LCh	55, 66.605, 348.542
Yxy	23.1792, 0.4059, 0.2396
Android (android.graphics.Color)	4292889245 (0xFFE04A9D)
YUV	128.3120, 14.1432, 83.9184
Hunter-Lab	48.1448, 61.3616, -8.5418

# Details

The Hex color **E04A9D** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **4AE08D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF84D4**, and **A5006A** is the 20% darker color. If you saturate the color by 10%, you get **E03493**, and if you desaturate by 10%, it is **E060A7**.

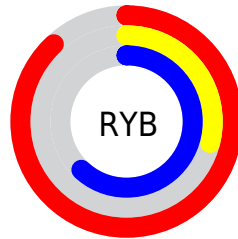
# Distribution



Red (88%)

Green (29%)

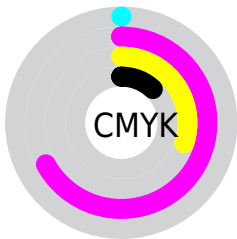
Blue (62%)



Red (88%)

Yellow (29%)

Blue (62%)

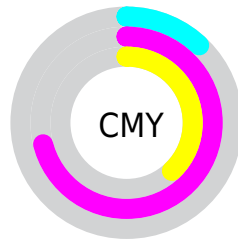


Cyan (0%)

Magenta (67%)

Yellow (30%)

Black (12%)



Cyan (12%)

Magenta (71%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E04A9D 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 E04A9D by changing the saturation by 10% instead.



 E04A9D

 E04A9D

FFFFFF

 C22983

 FF84D4

 A5006A

 FFA1F0

 870051

 FFBEFF

 6B003A

 FFDBFF

 4F0025

 FFF9FF

 34000E

 050000

 000000

 E04A9D

 E04A9D

 E03493

 E060A7

 E01D89

 E077B1

 E0077F

 E08DBB

 E0007C

 E0A4C5

 E0BACF

 E0D0D9

 E0E7E3

 E0FDED

 E0FFF7

# Harmonies

## Analogous

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



B363D2



E04A9D



EA4963

# Triad

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



E04A9D



7D8C00



009BDA

# Complementary

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



E04A9D



4AE08D

# 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.



009FA7



E04A9D



309831

# Square

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



E04A9D



B17A00



009D6B



0092F6

# Rectangle

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



E04A9D



E1573F



009D6B



009DCB



# Sweetspot

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



E04A9D



FFCCE8



8B4AE0



806172



000000



808080



# Same Dimension

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



E04A9D



FF33A4



E04A54



70656B



B00061



30001B



# Inverse Universe

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



E04A9D



FF33A4



4AE0D6



70656B



B00061



30001B



# Previews

## White Background



This preview shows how the Hex color E04A9D looks on a white background.

## Color Contrast Check

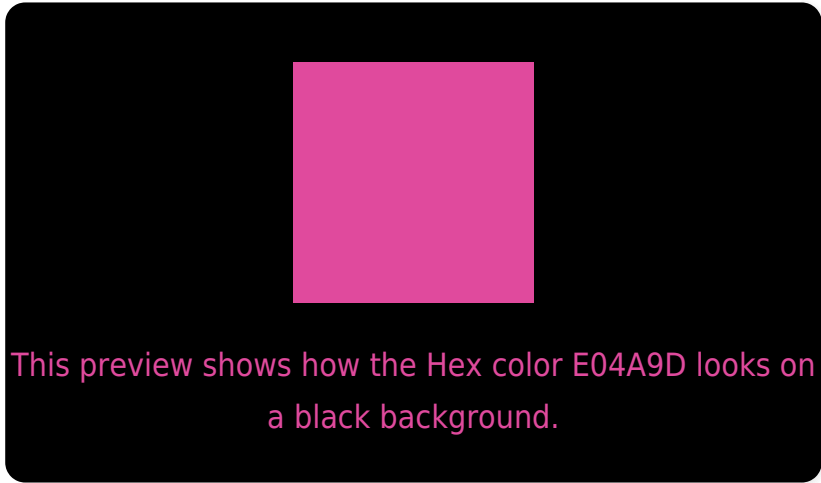
Large Text (above 18pt) WCAG AA ✓ Pass

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 E04A9D Background



This preview shows how black text looks on a background with the Hex color E04A9D.

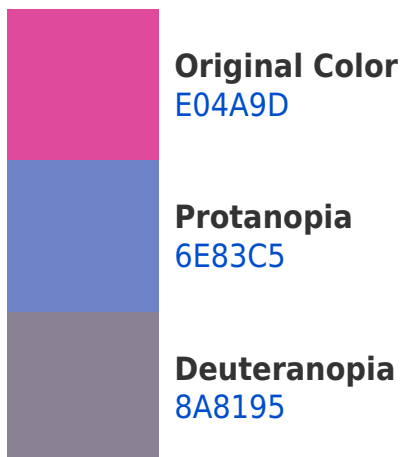



This preview shows how white text looks on a background with the Hex color E04A9D.

# 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**  
DB5A5F

# Trichromacy



**Original Color**  
E04A9D



**Protanomaly**  
976EB6



**Deuteranomaly**  
A96D98



**Tritanomaly**  
DD5476

# Monochromacy



**Original Color**  
E04A9D



**Achromatopsia**  
808080



**Achromatomaly**  
A36C8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E04A9D 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 #E04A9D looks like.

```
.text, #text, p{  
    color:#E04A9D  
}
```

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 #E04A9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E04A9D
}
```

## Border

The CSS property to change the border of an element to Hex E04A9D 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
#E04A9D }
```

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

```
.border{ border-color:#E04A9D }
```

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

Here you see how a box with a 4 pixel #E04A9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E04A9D; -webkit-box-shadow:4px 4px  
4px 4px #E04A9D; box-shadow:4px 4px 4px  
4px #E04A9D }
```

# Background

The CSS property to change the background color of an element to Hex E04A9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E04A9D }
```

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

```
.background{ background-color:#E04A9D }
```

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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