

# Converting Colors

Hex(E24A78)

Have a look what the booklet for  
Hex(E24A78) contains.

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# Color

Hex(E24A78)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E24A78
RGB	226, 74, 120
RGB Percent	89%, 29%, 47%
CMY	0.1137, 0.7098, 0.5294
CMYK	0.00, 0.67, 0.47, 0.11
HSL	342°, 72%, 59%
HSV	342°, 67%, 89%
XYZ	37.2030, 22.4224, 20.1364
YIQ	124.6920, 75.8260, 46.5300

# Conversions

## Conversions Part 2

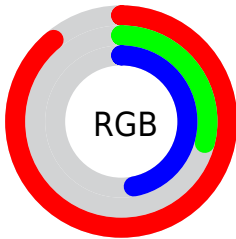
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 74, 120
Decimal	14830200
CIE <sub>Lab</sub>	54.47, 61.99, 7.56
CIE <sub>LCh</sub>	54, 62.448, 6.950
Yxy	22.4224, 0.4664, 0.2811
Android (android.graphics.Color)	4293020280 (0xFFE24A78)
YUV	124.6920, -2.3132, 88.8471
Hunter-Lab	47.3523, 57.3746, 7.9337

# Details

The Hex color **E24A78** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **4AE2B4**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF83AC**, and **A50048** is the 20% darker color. If you saturate the color by 10%, you get **E23368**, and if you desaturate by 10%, it is **E26188**.

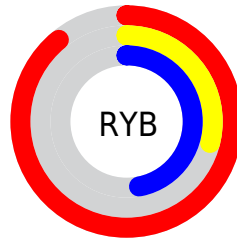
# Distribution



Red (89%)

Green (29%)

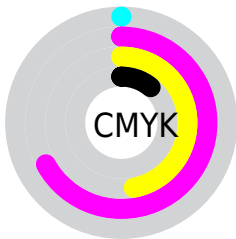
Blue (47%)



Red (89%)

Yellow (29%)

Blue (47%)

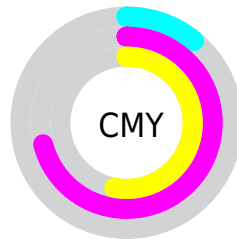


Cyan (0%)

Magenta (67%)

Yellow (47%)

Black (11%)



Cyan (11%)

Magenta (71%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E24A78 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 E24A78 by changing the saturation by 10% instead.



 E24A78

 E24A78

FFFFFF

 C32A5F

 FF83AC

 A50048

 FFA0C7

 870032

 FFBDE3

 6A001D

 FFDAFF

 4E0002

 FFF7FF

 310002

 000000

 E24A78

 E24A78

 E23368

 E26188

 E21D58

 E27798

 E20649

 E28EA7

 E20044

 E2A4B7

 E2BBC7

 E2D2D7

 E2E8E6

 E2FFF6

 E2FFFF

# Harmonies

## Analogous

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



CC55AE



E24A78



DB5844

# Triad

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



E24A78



579121



0093E6

# Complementary

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



E24A78



4AE2B4

# 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.



009AC2



E24A78



009856

# Square

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



E24A78



918400



009B8E



0085EE

# Rectangle

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



E24A78



C96825



009B8E



0096DC



# Sweetspot

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



E24A78



FFCCDB



B24AE2



80616A



000000



808080



# Same Dimension

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



E24A78



FF306F



E2664A



706568



B00035



30000F



# Inverse Universe

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



E24A78



FF306F



4AC6E2



706568



B00035



30000F



# Previews

## White Background



This preview shows how the Hex color E24A78 looks on a white background.

## Color Contrast Check

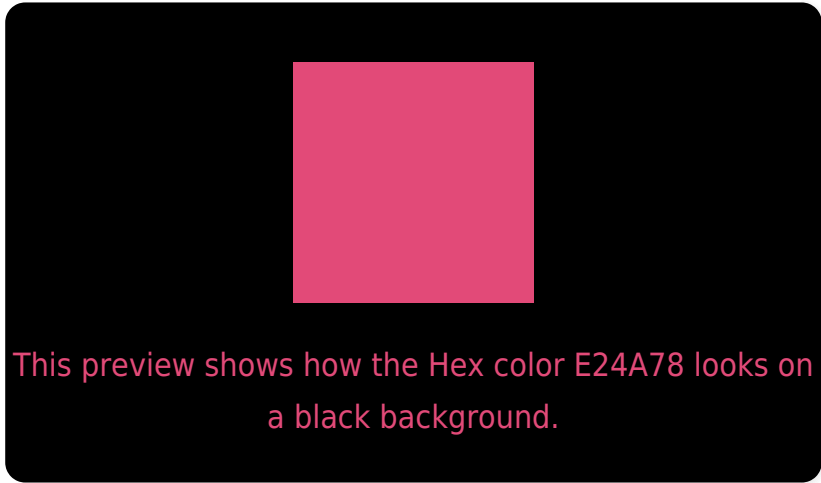
Large Text (above 18pt) WCAG AA ✓ Pass

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 E24A78 Background



This preview shows how black text looks on a background with the Hex color E24A78.



This preview shows how white text looks on a background with the Hex color E24A78.

# 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](#).

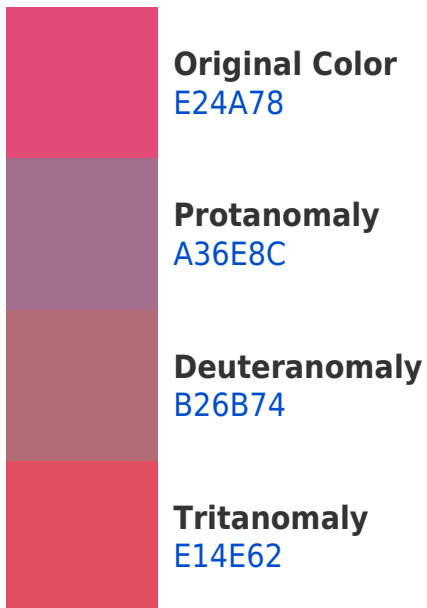
## Dichromacy



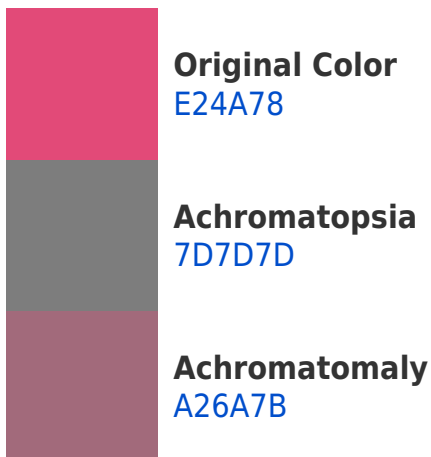


**Tritanopia**  
E05156

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E24A78 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 #E24A78 looks like.

```
.text, #text, p{  
    color:#E24A78  
}
```

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 #E24A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E24A78
}
```

## Border

The CSS property to change the border of an element to Hex E24A78 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
#E24A78 }
```

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

```
.border{ border-color:#E24A78 }
```

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

Here you see how a box with a 4 pixel #E24A78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E24A78; -webkit-box-shadow:4px 4px  
4px 4px #E24A78; box-shadow:4px 4px 4px  
4px #E24A78 }
```

# Background

The CSS property to change the background color of an element to Hex E24A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E24A78 }
```

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

```
.background{ background-color:#E24A78 }
```

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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