

# Converting Colors

Hex(E24FA7)

Have a look what the booklet for  
Hex(E24FA7) contains.

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# **Color**

**Hex(E24FA7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E24FA7
RGB	226, 79, 167
RGB Percent	89%, 31%, 65%
CMY	0.1137, 0.6902, 0.3451
CMYK	0.00, 0.65, 0.26, 0.11
HSL	324°, 72%, 60%
HSV	324°, 65%, 89%
XYZ	41.1351, 24.5507, 39.1299
YIQ	132.9850, 59.3640, 58.5320

# Conversions

## Conversions Part 2

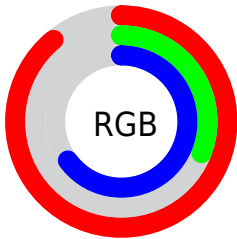
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">226, 79, 167</a>
Decimal	<a href="#">14831527</a>
CIELab	<a href="#">56.64, 65.12, -16.96</a>
CIElCh	<a href="#">57, 67.296, 345.402</a>
Yxy	<a href="#">24.5507, 0.3925, 0.2342</a>
Android (android.graphics.Color)	<a href="#">4293021607 (0xFFE24FA7)</a>
YUV	<a href="#">132.9850, 16.7694, 81.5742</a>
Hunter-Lab	<a href="#">49.5487, 61.4795, -12.1388</a>

# Details

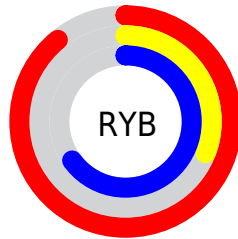
The Hex color **E24FA7** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **4FE28A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF89DE**, and **A70073** is the 20% darker color. If you saturate the color by 10%, you get **E2389E**, and if you desaturate by 10%, it is **E266B0**.

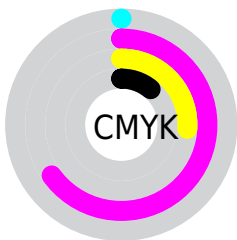
# Distribution



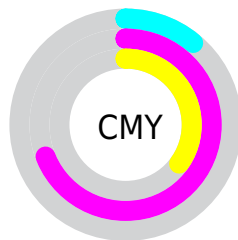
- Red (89%)
- Green (31%)
- Blue (65%)



- Red (89%)
- Yellow (31%)
- Blue (65%)



- Cyan (0%)
- Magenta (65%)
- Yellow (26%)
- Black (11%)



- Cyan (11%)
- Magenta (69%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E24FA7 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 E24FA7 by changing the saturation by 10% instead.



 E24FA7

 E24FA7

FFFFFF

 C4308D

 FF89DE

 A70073

 FFA5FB

 8A005A

 FFC2FF

 6D0043

 FFE0FF

 51002C

 FFFDFD

 370018

 120000

 000000

 E24FA7

 E24FA7

 E2389E

 E266B0

 E22295

 E27CB9

 E20B8C

 E293C2

 E20087

 E2A9CB

 E2C0D4

 E2D7DD

 E2EDE6

 E2FFF0

 E2FFF9

# Harmonies

## Analogous

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



B06ADB



E24FA7



F04B6C

# Triad

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



E24FA7



878E00



00A0DA

# Complementary

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



E24FA7



4FE28A

# 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.



00A3A5



E24FA7



3F9B2D

# Square

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



E24FA7



BA7B00



00A168



0097FA

# Rectangle

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



E24FA7



E85847



00A168



00A1CB



# Sweetspot

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



E24FA7



FFCCEB



8A4FE2



806173



000000



808080



# Same Dimension

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



E24FA7



FF38AF



E24F5E



70656C



B00069



30001D



# Inverse Universe

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



E24FA7



FF38AF



4FE2D3



70656C



B00069



30001D



# Previews

## White Background



This preview shows how the Hex color E24FA7 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 E24FA7 Background



This preview shows how black text looks on a background with the Hex color E24FA7.



This preview shows how white text looks on a background with the Hex color E24FA7.

# 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](#).

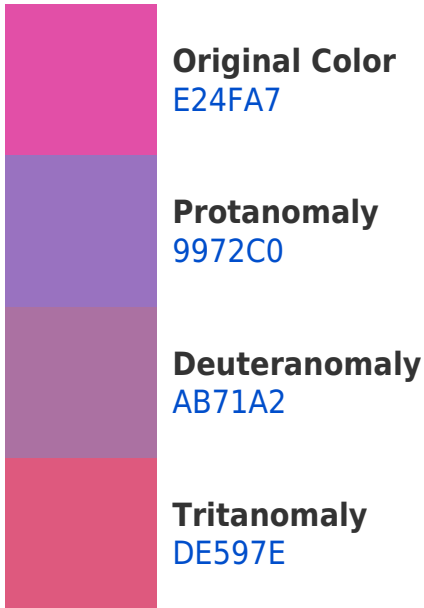
## Dichromacy



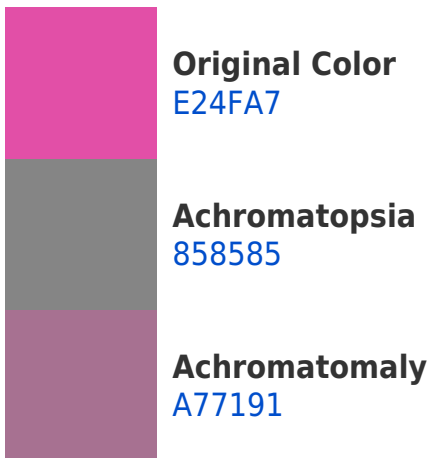


**Tritanopia**  
DC5F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E24FA7 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 #E24FA7 looks like.

```
.text, #text, p{  
    color:#E24FA7  
}
```

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 #E24FA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E24FA7
}
```

## Border

The CSS property to change the border of an element to Hex E24FA7 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
#E24FA7 }
```

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

```
.border{ border-color:#E24FA7 }
```

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

Here you see how a box with a 4 pixel #E24FA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E24FA7; -webkit-box-shadow:4px 4px  
4px 4px #E24FA7; box-shadow:4px 4px 4px  
4px #E24FA7 }
```

# Background

The CSS property to change the background color of an element to Hex E24FA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E24FA7 }
```

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

```
.background{ background-color:#E24FA7 }
```

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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