

# Converting Colors

Hex(E24ACE)

Have a look what the booklet for  
Hex(E24ACE) contains.

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# Color

Hex(E24ACE)

# Conversions

## Conversions Part 1

Format	Color
Hex	E24ACE
RGB	226, 74, 206
RGB Percent	89%, 29%, 81%
CMY	0.1137, 0.7098, 0.1922
CMYK	0.00, 0.67, 0.09, 0.11
HSL	308°, 72%, 59%
HSV	308°, 67%, 89%
XYZ	44.9534, 25.5225, 60.9496
YIQ	134.4960, 48.2200, 73.2760

# Conversions

## Conversions Part 2

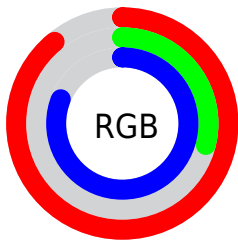
Format	Color
R <sub>Y</sub> B	226, 74, 206
Decimal	14830286
CIE Lab	57.58, 72.40, -37.97
CIE LCh	58, 81.753, 332.330
Yxy	25.5225, 0.3420, 0.1942
Android (android.graphics.Color)	4293020366 (0xFFE24ACE)
YUV	134.4960, 35.2515, 80.2490
Hunter-Lab	50.5198, 70.4225, -36.1664

# Details

The Hex color **E24ACE** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **4AE25E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF85FF**, and **A70097** is the 20% darker color. If you saturate the color by 10%, you get **E233CB**, and if you desaturate by 10%, it is **E261D1**.

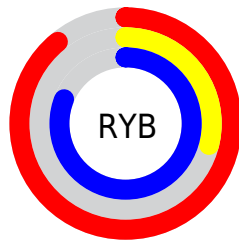
# Distribution



Red (89%)

Green (29%)

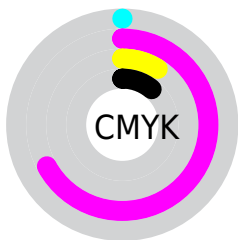
Blue (81%)



Red (89%)

Yellow (29%)

Blue (81%)

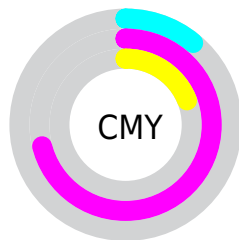


Cyan (0%)

Magenta (67%)

Yellow (9%)

Black (11%)



Cyan (11%)

Magenta (71%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E24ACE 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 E24ACE by changing the saturation by 10% instead.



 E24ACE

 E24ACE

FFFFFF

 C427B2

 FF85FF

 A70097

 FFA2FF

 8A007D

 FFC0FF

 6E0064

 FFDDFF

 52004B

 FFFBFF

 380034

 18001D

 000000

 E24ACE

 E24ACE

 E233CB

 E261D1

 E21DC8

 E277D4

 E206C5

 E28ED7

 E200C4

 E2A4DA

 E2BBDD

 E2D2E0

 E2E8E3

 E2FFE6

 E2FFE9

# Harmonies

## Analogous

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



8A74FF



E24ACE



FF2988

# Triad

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



E24ACE



A28900



00A9D5

# Complementary

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



E24ACE



4AE25E

# 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.



00A98E



E24ACE



589B00

# Square

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



E24ACE



DA6C00



00A542



00A2FF

# Rectangle

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



E24ACE



FF3659



00A542



00A9BF



# Sweetspot

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



E24ACE



FFCCF8



5C4AE2



80617B



000000



808080



# Same Dimension

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



E24ACE



FF30E4



E24A84



70656F



B00099



30002A



# Inverse Universe

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



E24ACE



FF30E4



4AE2A8



70656F



B00099



30002A



# Previews

## White Background



This preview shows how the Hex color E24ACE 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 E24ACE Background



This preview shows how black text looks on a background with the Hex color E24ACE.



This preview shows how white text looks on a background with the Hex color E24ACE.

# 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**  
D8676E

# Trichromacy



**Original Color**  
E24ACE



**Protanomaly**  
8471ED



**Deuteranomaly**  
9D72C8



**Tritanomaly**  
DC5C91

# Monochromacy



**Original Color**  
E24ACE



**Achromatopsia**  
868686



**Achromatomaly**  
A770A0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E24ACE 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 #E24ACE looks like.

```
.text, #text, p{  
    color:#E24ACE  
}
```

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 #E24ACE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E24ACE
}
```

## Border

The CSS property to change the border of an element to Hex E24ACE 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
#E24ACE }
```

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

```
.border{ border-color:#E24ACE }
```

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

Here you see how a box with a 4 pixel #E24ACE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E24ACE; -webkit-box-shadow:4px 4px  
4px 4px #E24ACE; box-shadow:4px 4px 4px  
4px #E24ACE }
```

# Background

The CSS property to change the background color of an element to Hex E24ACE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E24ACE }
```

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

```
.background{ background-color:#E24ACE }
```

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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