

# Converting Colors

Hex(EA40E0)

Have a look what the booklet for  
Hex(EA40E0) contains.

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# Color

Hex(EA40E0)

# Conversions

## Conversions Part 1

Format	Color
Hex	EA40E0
RGB	234, 64, 224
RGB Percent	92%, 25%, 88%
CMY	0.0824, 0.7490, 0.1216
CMYK	0.00, 0.73, 0.04, 0.08
HSL	304°, 80%, 58%
HSV	304°, 73%, 92%
XYZ	49.2196, 26.5410, 73.0498
YIQ	133.0700, 49.9600, 85.8000

# Conversions

## Conversions Part 2

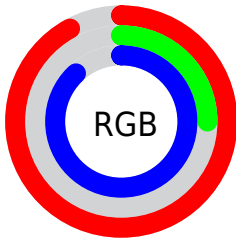
Format	Color
R <sub>Y</sub> B	234, 64, 224
Decimal	15352032
CIE Lab	58.55, 80.19, -46.56
CIE LCh	59, 92.727, 329.863
Yxy	26.5410, 0.3308, 0.1784
Android (android.graphics.Color)	4293542112 (0xFFEA40E0)
YUV	133.0700, 44.8285, 88.5156
Hunter-Lab	51.5180, 80.3801, -48.0075

# Details

The Hex color **EA40E0** 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 **40EA4A**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FF7FFF**, and **AE00A8** is the 20% darker color. If you saturate the color by 10%, you get **EA29DF**, and if you desaturate by 10%, it is **EA57E1**.

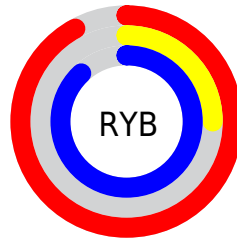
# Distribution



Red (92%)

Green (25%)

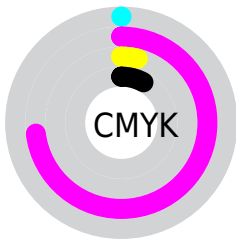
Blue (88%)



Red (92%)

Yellow (25%)

Blue (88%)

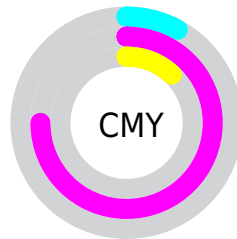


Cyan (0%)

Magenta (73%)

Yellow (4%)

Black (8%)



Cyan (8%)

Magenta (75%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA40E0 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 EA40E0 by changing the saturation by 10% instead.



 EA40E0

 EA40E0

FFFFFF

 CC12C4

 FF7FFF

 AE00A8

 FF9DFF

 91008D

 FFBBFF

 740073

 FFD9FF

 57005A

 FFF7FF

 3D0042

 1F002A

 000114

 000000

EA40E0

EA40E0

EA29DF

EA57E1

EA11DD

EA6FE3

EA00DC

EA86E4

EA9EE6

EAB5E7

EACCE8

EAE4EA

EAFBEB

EAFFEC

# Harmonies

## Analogous

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



7A77FF



EA40E0



FF0091

# Triad

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



EA40E0



AB8A00



00AEDC

# Complementary

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



EA40E0



40EA4A

# 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.



00AE8A



EA40E0



589F00

# Square

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



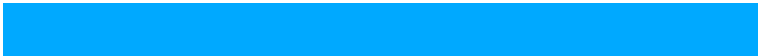
EA40E0



E96600



00A931



00A9FF

# Rectangle

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



EA40E0



FF025C



00A931



00AFC2



# Sweetspot

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



EA40E0



FFC7FC



4940EA



805E7E



000000



808080



# Same Dimension

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



EA40E0



FF21F2



EA408C



756A75



B500AA



360032



# Inverse Universe

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



EA40E0



FF21F2



40EA9D



756A75



B500AA



360032



# Previews

## White Background



This preview shows how the Hex color EA40E0 looks on a white background.

## Color Contrast Check

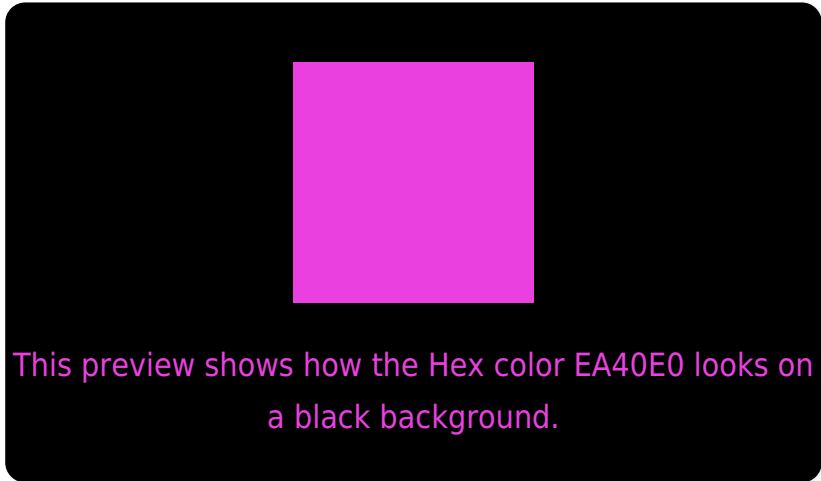
Large Text (above 18pt) WCAG AA ✓ Pass

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

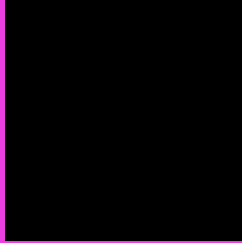
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex EA40E0 Background



This preview shows how black text looks on a background with the Hex color EA40E0.

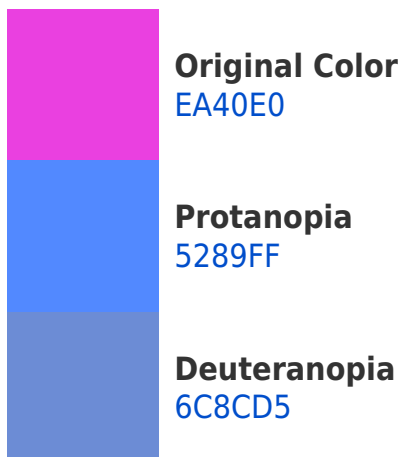


This preview shows how white text looks on a background with the Hex color EA40E0.

# 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**  
DE676E

# Trichromacy



**Original Color**  
EA40E0



**Protanomaly**  
896EF4



**Deuteranomaly**  
9A70D9



**Tritanomaly**  
E25997

# Monochromacy



**Original Color**  
EA40E0



**Achromatopsia**  
858585



**Achromatomaly**  
AA6CA6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA40E0 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 #EA40E0 looks like.

```
.text, #text, p{  
    color:#EA40E0  
}
```

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 #EA40E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA40E0
}
```

## Border

The CSS property to change the border of an element to Hex EA40E0 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
#EA40E0 }
```

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

```
.border{ border-color:#EA40E0 }
```

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

Here you see how a box with a 4 pixel #EA40E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA40E0; -webkit-box-shadow:4px 4px  
4px 4px #EA40E0; box-shadow:4px 4px 4px  
4px #EA40E0 }
```

# Background

The CSS property to change the background color of an element to Hex EA40E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA40E0 }
```

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

```
.background{ background-color:#EA40E0 }
```

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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