

Converting Colors

Hex(E242A6)

Have a look what the booklet for
Hex(E242A6) contains.

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Color

Hex(E242A6)

Conversions

Conversions Part 1

Format	Color
Hex	E242A6
RGB	226, 66, 166
RGB Percent	89%, 26%, 65%
CMY	0.1137, 0.7412, 0.3490
CMYK	0.00, 0.71, 0.27, 0.11
HSL	322°, 73%, 57%
HSV	322°, 71%, 89%
XYZ	40.1952, 22.8184, 38.3623
YIQ	125.2400, 63.2600, 65.0200

Conversions

Conversions Part 2

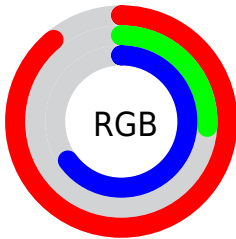
Format	Color
R _Y B	226, 66, 166
Decimal	14828198
CIE Lab	54.88, 69.77, -19.04
CIE LCh	55, 72.317, 344.733
Yxy	22.8184, 0.3965, 0.2251
Android (android.graphics.Color)	4293018278 (0xFFE242A6)
YUV	125.2400, 20.0947, 88.3665
Hunter-Lab	47.7686, 66.6051, -14.1770

Details

The Hex color **E242A6** 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 **42E27E**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF7EDD**, and **A60072** is the 20% darker color. If you saturate the color by 10%, you get **E22B9E**, and if you desaturate by 10%, it is **E259AE**.

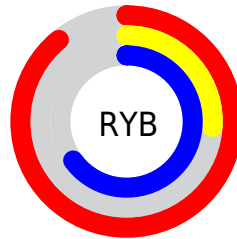
Distribution



Red (89%)

Green (26%)

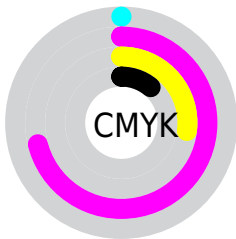
Blue (65%)



Red (89%)

Yellow (26%)

Blue (65%)

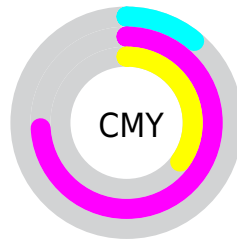


Cyan (0%)

Magenta (71%)

Yellow (27%)

Black (11%)



Cyan (11%)

Magenta (74%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color E242A6 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 E242A6 by changing the saturation by 10% instead.

 E242A6

 E242A6

FFFFFF

 C41C8C

 FF7EDD

 A60072

 FF9BFA

 890059

 FFB8FF

 6C0042

 FFD6FF

 50002B

 FFF4FF

 350016

 0C0000

 000000

 E242A6

 E242A6

 E22B9E

 E259AE

 E21595

 E26FB7

 E2008D

 E286BF

 E29CC8

 E2B3D0

 E2CAD9

 E2E0E1

 E2F7EA

 E2FFF2

Harmonies

Analogous

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



AC63DD



E242A6



F13B67

Triad

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



E242A6



828A00



009DDB

Complementary

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



E242A6



42E27E

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.



009FA2



E242A6



32971C

Square

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



E242A6



B87500



009D60



0094FD

Rectangle

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



E242A6



E94C40



009D60



009ECA

Sweetspot

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



E242A6



FFC9EB



7D42E2



806074



000000



808080

Same Dimension

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



E242A6



FF26AE



E24257



70656C



B0006E



30001E

Inverse Universe

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



E242A6



FF26AE



42E2CD



70656C



B0006E



30001E

Previews

White Background



This preview shows how the Hex color E242A6 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 E242A6 Background



This preview shows how black text looks on a background with the Hex color E242A6.



This preview shows how white text looks on a background with the Hex color E242A6.

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



Trichromacy



Original Color
E242A6



Protanomaly
916AC4



Deuteranomaly
A66AA0



Tritanomaly
DE4F77

Monochromacy



Original Color
E242A6



Achromatopsia
7D7D7D



Achromatomaly
A2688C

CSS Examples

Text

The CSS property to change the color of the text to Hex E242A6 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 #E242A6 looks like.

```
.text, #text, p{  
  color:#E242A6  
}
```

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 #E242A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E242A6
}
```

Border

The CSS property to change the border of an element to Hex E242A6 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
#E242A6 }
```

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

```
.border{ border-color:#E242A6 }
```

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

Here you see how a box with a 4 pixel #E242A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E242A6; -webkit-box-shadow:4px 4px  
4px 4px #E242A6; box-shadow:4px 4px 4px  
4px #E242A6 }
```

Background

The CSS property to change the background color of an element to Hex E242A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E242A6 }
```

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

```
.background{ background-color:#E242A6 }
```

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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