

# Converting Colors

Hex(E367AD)

Have a look what the booklet for  
Hex(E367AD) contains.

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# Color

**Hex(E367AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E367AD
RGB	227, 103, 173
RGB Percent	89%, 40%, 68%
CMY	0.1098, 0.5961, 0.3216
CMYK	0.00, 0.55, 0.24, 0.11
HSL	326°, 69%, 65%
HSV	326°, 55%, 89%
XYZ	44.0716, 29.0485, 42.8193
YIQ	148.0560, 51.4340, 48.0580

# Conversions

## Conversions Part 2

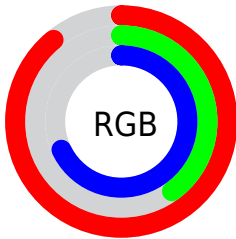
Format	Color
R <sub>Y</sub> B	227, 103, 173
Decimal	14903213
CIE Lab	60.82, 55.86, -14.07
CIE LCh	61, 57.605, 345.860
Yxy	29.0485, 0.3801, 0.2505
Android (android.graphics.Color)	4293093293 (0xFFE367AD)
YUV	148.0560, 12.2974, 69.2339
Hunter-Lab	53.8967, 51.6413, -9.3764

# Details

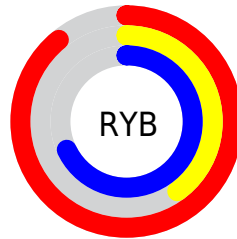
The Hex color **E367AD** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **67E39D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF9EE4**, and **A92F79** is the 20% darker color. If you saturate the color by 10%, you get **E350A3**, and if you desaturate by 10%, it is **E37EB7**.

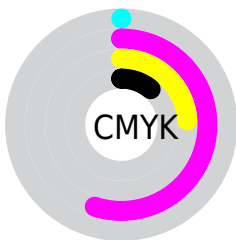
# Distribution



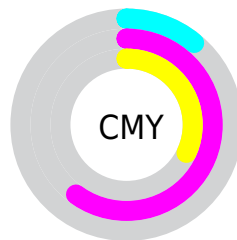
- Red (89%)
- Green (40%)
- Blue (68%)



- Red (89%)
- Yellow (40%)
- Blue (68%)



- Cyan (0%)
- Magenta (55%)
- Yellow (24%)
- Black (11%)



- Cyan (11%)
- Magenta (60%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E367AD 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 E367AD by changing the saturation by 10% instead.



 E367AD

 E367AD

FFFFFF

 C64B92

 FF9EE4

 A92F79

 FFBBFF

 8C0760

 FFD7FF

 700048

 FFF5FF

 550031

 3C001D

 1E0001

 000000

 E367AD

 E367AD

 E350A3

 E37EB7

 E33A99

 E394C1

 E3238F

 E3ABCB

 E30C85

 E3C2D5

 E30080

 E3D9DE

 E3EFE8

 E3FFF2

 E3FFFC

 E3FFFF

# Harmonies

## Analogous

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



B87ADA



E367AD



F0647A

# Triad

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



E367AD



949926



00A8DB

# Complementary

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



E367AD



67E39D

# 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.



00ABAD



E367AD



59A448

# Square

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



E367AD



C2882A



00AA78



009FF5

# Rectangle

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



E367AD



E96D5A



00AA78



00AACD



# Sweetspot

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



E367AD



FFD6ED



9D67E3



806775



000000



808080



# Same Dimension

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



E367AD



FF57B6



E3676F



73676E



B30065



33001D



# Inverse Universe

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



E367AD



FF57B6



67E3DB



73676E



B30065



33001D



# Previews

## White Background



This preview shows how the Hex color E367AD looks on a white background.

## Color Contrast Check

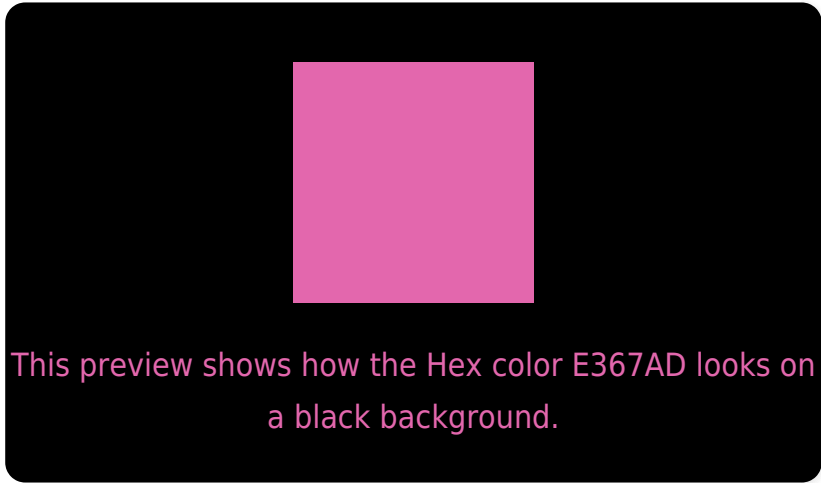
Large Text (above 18pt) WCAG AA ✓ Pass

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 E367AD Background



This preview shows how black text looks on a background with the Hex color E367AD.

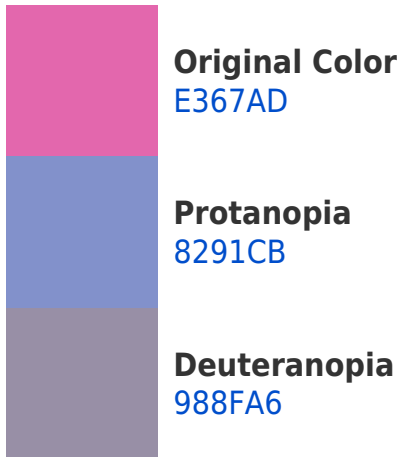


This preview shows how white text looks on a background with the Hex color E367AD.

# 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**  
DE727A

# Trichromacy



**Original Color**  
E367AD



**Protanomaly**  
A582C0



**Deuteranomaly**  
B380A9

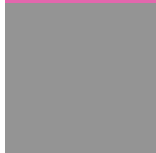


**Tritanomaly**  
E06E8D

# Monochromacy



**Original Color**  
E367AD



**Achromatopsia**  
949494



**Achromatomaly**  
B1849D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E367AD 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 #E367AD looks like.

```
.text, #text, p{  
    color:#E367AD  
}
```

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 #E367AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E367AD
}
```

## Border

The CSS property to change the border of an element to Hex E367AD 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
#E367AD }
```

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

```
.border{ border-color:#E367AD }
```

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

Here you see how a box with a 4 pixel #E367AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E367AD; -webkit-box-shadow:4px 4px  
4px 4px #E367AD; box-shadow:4px 4px 4px  
4px #E367AD }
```

# Background

The CSS property to change the background color of an element to Hex E367AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E367AD }
```

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

```
.background{ background-color:#E367AD }
```

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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