

# Converting Colors

Hex(E446A0)

Have a look what the booklet for  
Hex(E446A0) contains.

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# **Color**

**Hex(E446A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E446A0
RGB	228, 70, 160
RGB Percent	89%, 27%, 63%
CMY	0.1059, 0.7255, 0.3725
CMYK	0.00, 0.69, 0.30, 0.11
HSL	326°, 75%, 58%
HSV	326°, 69%, 89%
XYZ	40.5302, 23.4124, 35.6406
YIQ	127.5020, 65.2780, 61.4860

# Conversions

## Conversions Part 2

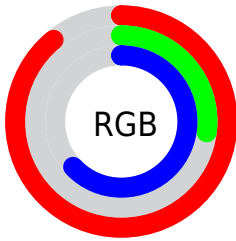
Format	Color
R <sub>Y</sub> B	228, 70, 160
Decimal	14960288
CIE Lab	55.49, 68.18, -14.57
CIE LCh	55, 69.716, 347.938
Yxy	23.4124, 0.4070, 0.2351
Android (android.graphics.Color)	4293150368 (0xFFE446A0)
YUV	127.5020, 16.0215, 88.1367
Hunter-Lab	48.3863, 64.8423, -9.8016

# Details

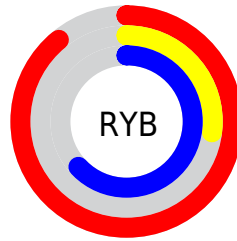
The Hex color **E446A0** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **46E48A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **FF81D7**, and **A8006C** is the 20% darker color. If you saturate the color by 10%, you get **E42F96**, and if you desaturate by 10%, it is **E45DAA**.

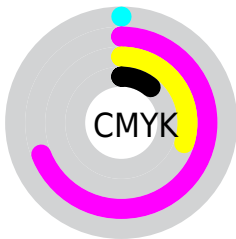
# Distribution



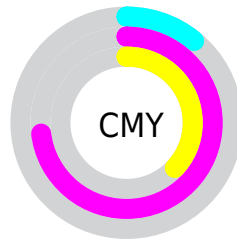
- Red (89%)
- Green (27%)
- Blue (63%)



- Red (89%)
- Yellow (27%)
- Blue (63%)



- Cyan (0%)
- Magenta (69%)
- Yellow (30%)
- Black (11%)



- Cyan (11%)
- Magenta (73%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E446A0 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 E446A0 by changing the saturation by 10% instead.



 E446A0

 E446A0

FFFFFF

 C62386

 FF81D7

 A8006C

 FF9EF3

 8B0054

 FFBBFF

 6E003D

 FFD9FF

 520027

 FFF6FF

 370011

 0E0000

 000000

 E446A0

 E446A0

 E42F96

 E45DAA

 E4188C

 E474B4

 E40283

 E48ABD

 E40082

 E4A1C7

 E4B8D1

 E4CFDB

 E4E6E5

 E4FCEF

 E4FFF8

# Harmonies

## Analogous

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



B462D7



E446A0



EF4464

# Triad

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



E446A0



7E8D00



009DDE

# Complementary

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



E446A0



46E48A

# 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.



00A0A9



E446A0



2C992B

# Square

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



E446A0



B47900



009F6A



0093FC

# Rectangle

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



E446A0



E5543D



009F6A



009FCE



# Sweetspot

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



E446A0



FFC9E8



8846E4



806072



000000



808080



# Same Dimension

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



E446A0



FF2BA4



E44653



73676E



B30066



33001D



# Inverse Universe

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



E446A0



FF2BA4



46E4D7



73676E



B30066



33001D



# Previews

## White Background



This preview shows how the Hex color E446A0 looks on a white background.

## Color Contrast Check

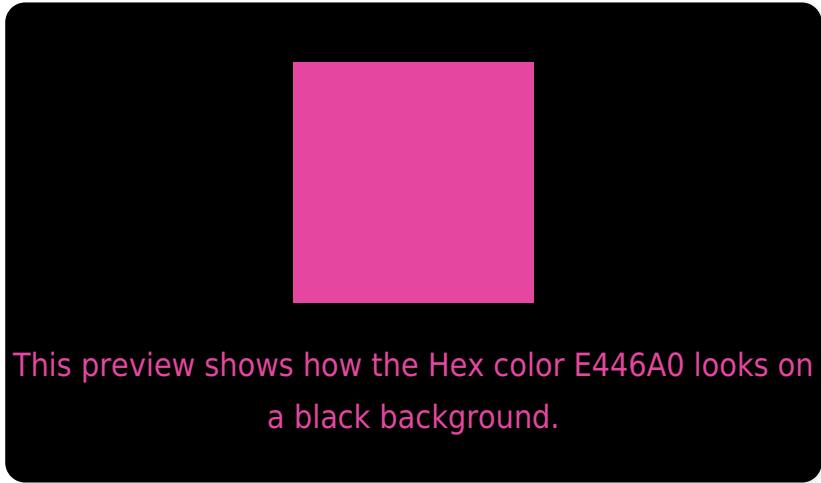
Large Text (above 18pt) WCAG AA ✓ Pass

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 E446A0 Background



This preview shows how black text looks on a background with the Hex color E446A0.

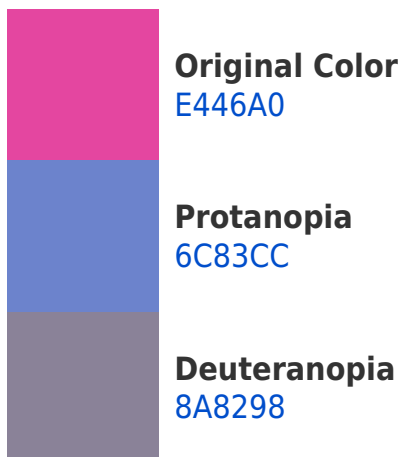


This preview shows how white text looks on a background with the Hex color E446A0.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E446A0 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 #E446A0 looks like.

```
.text, #text, p{  
    color:#E446A0  
}
```

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 #E446A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E446A0
}
```

## Border

The CSS property to change the border of an element to Hex E446A0 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
#E446A0 }
```

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

```
.border{ border-color:#E446A0 }
```

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

Here you see how a box with a 4 pixel #E446A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E446A0; -webkit-box-shadow:4px 4px  
4px 4px #E446A0; box-shadow:4px 4px 4px  
4px #E446A0 }
```

# Background

The CSS property to change the background color of an element to Hex E446A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E446A0 }
```

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

```
.background{ background-color:#E446A0 }
```

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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