

# Converting Colors

Hex(E235A0)

Have a look what the booklet for  
Hex(E235A0) contains.

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# Color

Hex(E235A0)

# Conversions

## Conversions Part 1

Format	Color
Hex	E235A0
RGB	226, 53, 160
RGB Percent	89%, 21%, 63%
CMY	0.1137, 0.7922, 0.3725
CMYK	0.00, 0.77, 0.29, 0.11
HSL	323°, 75%, 55%
HSV	323°, 77%, 89%
XYZ	38.9823, 21.2530, 35.3054
YIQ	116.9250, 68.7610, 69.9530

# Conversions

## Conversions Part 2

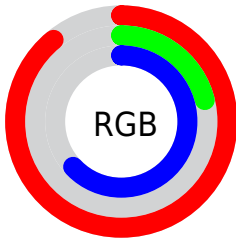
Format	Color
R <sub>Y</sub> B	226, 53, 160
Decimal	14824864
CIE Lab	53.23, 73.10, -18.05
CIE LCh	53, 75.299, 346.133
Yxy	21.2530, 0.4080, 0.2224
Android (android.graphics.Color)	4293014944 (0xFFE235A0)
YUV	116.9250, 21.2360, 95.6588
Hunter-Lab	46.1010, 70.2601, -13.1351

# Details

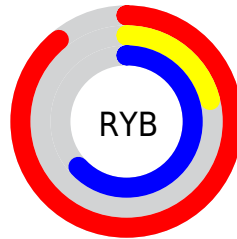
The Hex color **E235A0** is a light color, and the websafe version is hex **CC3399**. The color can be described as light washed rose. A complement of this color would be **35E277**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF74D7**, and **A6006C** is the 20% darker color. If you saturate the color by 10%, you get **E21E97**, and if you desaturate by 10%, it is **E24CA9**.

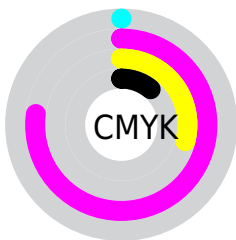
# Distribution



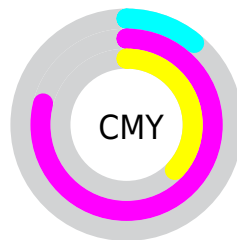
- Red (89%)
- Green (21%)
- Blue (63%)



- Red (89%)
- Yellow (21%)
- Blue (63%)



- Cyan (0%)
- Magenta (77%)
- Yellow (29%)
- Black (11%)



- Cyan (11%)
- Magenta (79%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E235A0 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 E235A0 by changing the saturation by 10% instead.



 E235A0

 E235A0

FFFFFF

 C40086

 FF74D7

 A6006C

 FF92F3

 880054

 FFAFFF

 6B003D

 FFCDFD

 4F0027

 FFE8FF

 330010

 020000

 000000

 E235A0

 E235A0

 E21E97

 E24CA9

 E2088F

 E262B1

 E2008C

 E279BA

 E28FC2

 E2A6CB

 E2BDD4

 E2D3DC

 E2EAE5

 E2FFEE

# Harmonies

## Analogous

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



AC5BDA



E235A0



EF2F5F

# Triad

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



E235A0



798700



0099DC

# Complementary

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



E235A0



35E277

# 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.



009BA1



E235A0



1B9313

# Square

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



E235A0



B27100



00995E



008FFE

# Rectangle

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



E235A0



E54536



00995E



009ACB



# Sweetspot

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



E235A0



FFC4E9



7435E2



805C72



000000



808080



# Same Dimension

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



E235A0



FF14A5



E2354C



70656C



B0006D



30001E



# Inverse Universe

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



E235A0



FF14A5



35E2CB



70656C



B0006D



30001E



# Previews

## White Background



This preview shows how the Hex color E235A0 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 E235A0 Background



This preview shows how black text looks on a background with the Hex color E235A0.

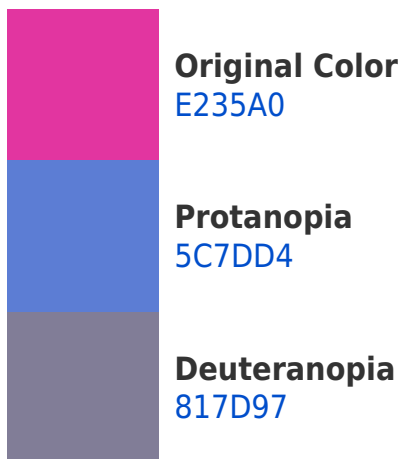


This preview shows how white text looks on a background with the Hex color E235A0.

# 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](#).

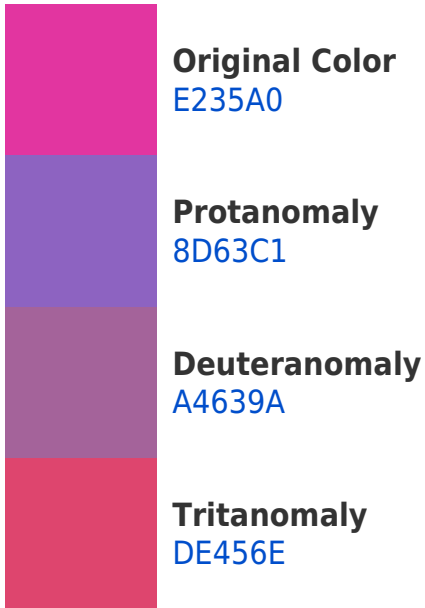
## Dichromacy



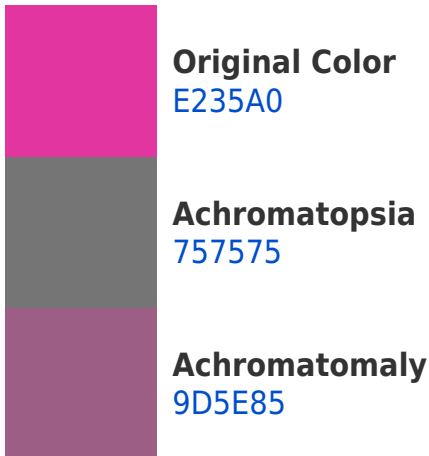


**Tritanopia**  
DC4E52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E235A0 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 #E235A0 looks like.

```
.text, #text, p{  
    color:#E235A0  
}
```

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 #E235A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E235A0
}
```

## Border

The CSS property to change the border of an element to Hex E235A0 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
#E235A0 }
```

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

```
.border{ border-color:#E235A0 }
```

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

Here you see how a box with a 4 pixel #E235A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E235A0; -webkit-box-shadow:4px 4px  
4px 4px #E235A0; box-shadow:4px 4px 4px  
4px #E235A0 }
```

# Background

The CSS property to change the background color of an element to Hex E235A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E235A0 }
```

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

```
.background{ background-color:#E235A0 }
```

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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