

# Converting Colors

Hex(E573BE)

Have a look what the booklet for  
Hex(E573BE) contains.

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# Color

Hex(E573BE)

# Conversions

## Conversions Part 1

Format	Color
Hex	E573BE
RGB	229, 115, 190
RGB Percent	90%, 45%, 75%
CMY	0.1020, 0.5490, 0.2549
CMYK	0.00, 0.50, 0.17, 0.10
HSL	321°, 69%, 67%
HSV	321°, 50%, 90%
XYZ	47.7381, 32.6372, 52.4987
YIQ	157.6360, 43.8690, 47.4930

# Conversions

## Conversions Part 2

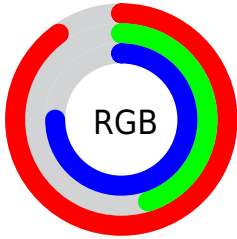
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 115, 190
Decimal	15037374
CIE Lab	63.87, 53.20, -19.13
CIE LCh	64, 56.531, 340.222
Yxy	32.6372, 0.3593, 0.2456
Android (android.graphics.Color)	4293227454 (0xFFE573BE)
YUV	157.6360, 15.9555, 62.5862
Hunter-Lab	57.1290, 49.1825, -14.4943

# Details

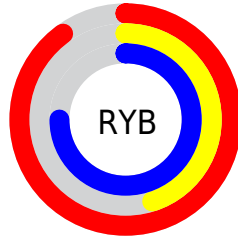
The Hex color **E573BE** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **73E59A**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFAAF6**, and **AB3D89** is the 20% darker color. If you saturate the color by 10%, you get **E55CB6**, and if you desaturate by 10%, it is **E58AC6**.

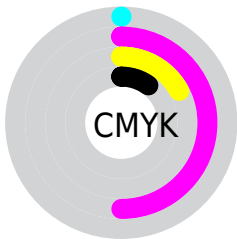
# Distribution



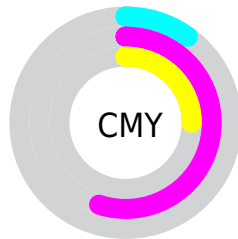
- Red (90%)
- Green (45%)
- Blue (75%)



- Red (90%)
- Yellow (45%)
- Blue (75%)



- Cyan (0%)
- Magenta (50%)
- Yellow (17%)
- Black (10%)



- Cyan (10%)
- Magenta (55%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E573BE 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 E573BE by changing the saturation by 10% instead.



 E573BE

 E573BE

FFFFFF

 C858A3

 FFAAF6

 AB3D89

 FFC7FF

 8F1F6F

 FFE3FF

 730056

 58003F

 3F0029

 250013

 000000

 E573BE

 E573BE

 E55CB6

 E58AC6

 E545AE

 E5A1CE

 E52EA6

 E5B8D6

 E5179F

 E5CFDD

 E50097

 E5E6E5

 E5FCED

 E5FFF5

 E5FFFD

 E5FFFF

# Harmonies

## Analogous

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



B486E8



E573BE



F76D8B

# Triad

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



E573BE



A69E2F



00B1DB

# Complementary

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



E573BE



73E59A

# 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.



00B3AB



E573BE



6FAA49

# Square

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



E573BE



D18C39



00B177



00A9F9

# Rectangle

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



E573BE



F4736B



00B177



00B3CC



# Sweetspot

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



E573BE



FFD9F2



9973E5



806978



000000



808080



# Same Dimension

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



E573BE



FF66CB



E57386



73676F



B30075



330022



# Inverse Universe

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



E573BE



FF66CB



73E5D2



73676F



B30075



330022



# Previews

## White Background



This preview shows how the Hex color E573BE looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex E573BE Background



This preview shows how black text looks on a background with the Hex color E573BE.

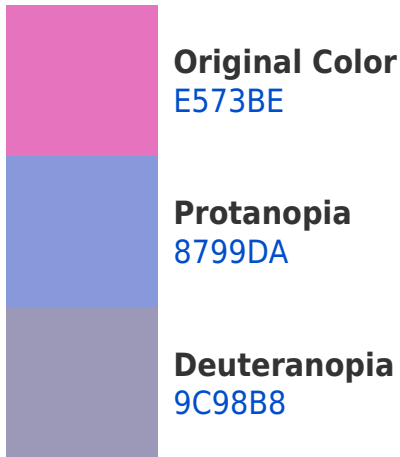


This preview shows how white text looks on a background with the Hex color E573BE.

# 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](#).

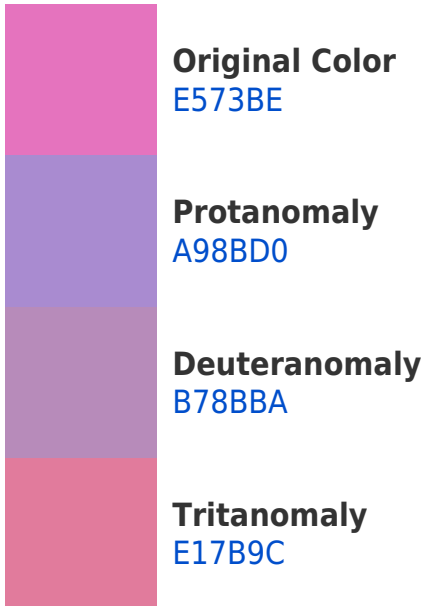
## Dichromacy





**Tritanopia**  
DF7F88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E573BE 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 #E573BE looks like.

```
.text, #text, p{  
    color:#E573BE  
}
```

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 #E573BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E573BE
}
```

## Border

The CSS property to change the border of an element to Hex E573BE 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
#E573BE }
```

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

```
.border{ border-color:#E573BE }
```

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

Here you see how a box with a 4 pixel #E573BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E573BE; -webkit-box-shadow:4px 4px  
4px 4px #E573BE; box-shadow:4px 4px 4px  
4px #E573BE }
```

# Background

The CSS property to change the background color of an element to Hex E573BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E573BE }
```

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

```
.background{ background-color:#E573BE }
```

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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