

# Converting Colors

Hex(E53EA0)

Have a look what the booklet for  
Hex(E53EA0) contains.

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# **Color**

**Hex(E53EA0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E53EA0
RGB	229, 62, 160
RGB Percent	90%, 24%, 63%
CMY	0.1020, 0.7569, 0.3725
CMYK	0.00, 0.73, 0.30, 0.10
HSL	325°, 76%, 57%
HSV	325°, 73%, 90%
XYZ	40.3809, 22.6413, 35.4996
YIQ	123.1050, 68.0740, 65.8820

# Conversions

## Conversions Part 2

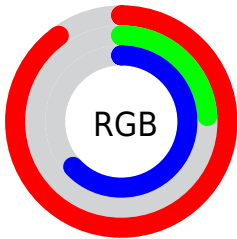
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 62, 160
Decimal	15023776
CIE Lab	54.70, 71.13, -15.75
CIE LCh	55, 72.858, 347.512
Yxy	22.6413, 0.4099, 0.2298
Android (android.graphics.Color)	4293213856 (0xFFE53EA0)
YUV	123.1050, 18.1892, 92.8699
Hunter-Lab	47.5829, 68.2126, -10.9258

# Details

The Hex color **E53EA0** 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 **3EE583**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF7BD7**, and **A9006C** is the 20% darker color. If you saturate the color by 10%, you get **E52797**, and if you desaturate by 10%, it is **E555A9**.

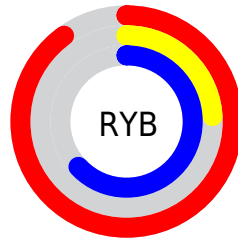
# Distribution



Red (90%)

Green (24%)

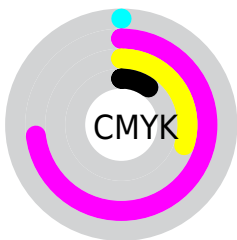
Blue (63%)



Red (90%)

Yellow (24%)

Blue (63%)

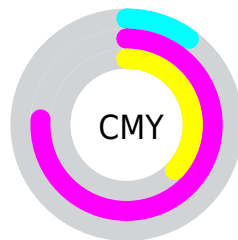


Cyan (0%)

Magenta (73%)

Yellow (30%)

Black (10%)



Cyan (10%)

Magenta (76%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E53EA0 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 E53EA0 by changing the saturation by 10% instead.



 E53EA0

 E53EA0

FFFFFF

 C71486

 FF7BD7

 A9006C

 FF98F3

 8B0054

 FFB6FF

 6E003D

 FFD3FF

 520027

 FFF1FF

 360011

 0D0000

 000000

 E53EA0

 E53EA0

 E52797

 E555A9

 E5108D

 E56CB3

 E50086

 E583BC

 E59AC6

 E5B1CF

 E5C7D9

 E5DEE2

 E5F5EC

 E5FFF5

# Harmonies

## Analogous

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



B25FD9



E53EA0



F13B61

# Triad

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



E53EA0



7B8B00



009CDF

# Complementary

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



E53EA0



3EE583

# 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.



009FA7



E53EA0



229722

# Square

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



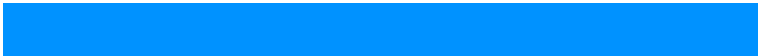
E53EA0



B47700



009D65



0092FF

# Rectangle

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



E53EA0



E64E39



009D65



009ECF



# Sweetspot

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



E53EA0



FFC7E8



813EE5



805E72



000000



808080



# Same Dimension

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



E53EA0



FF1FA2



E53E4F



73676E



B30069



33001E



# Inverse Universe

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



E53EA0



FF1FA2



3EE5D4



73676E



B30069



33001E



# Previews

## White Background



This preview shows how the Hex color E53EA0 looks on a white background.

## Color Contrast Check

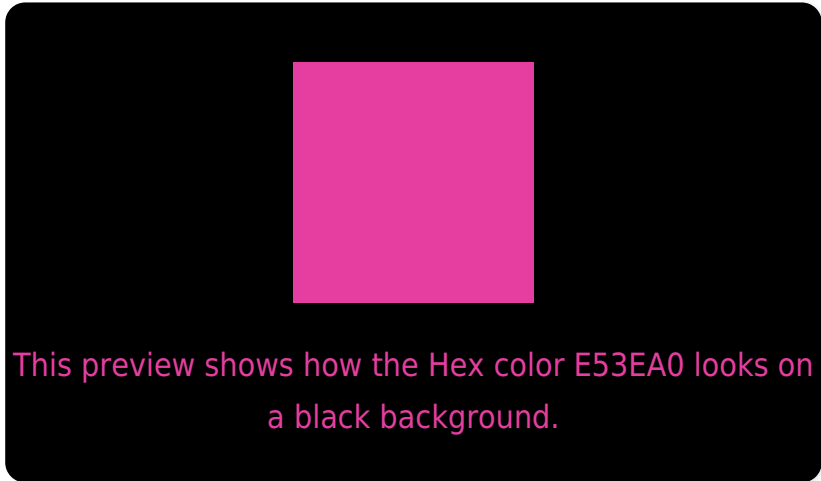
Large Text (above 18pt) WCAG AA ✓ Pass

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 E53EA0 Background



This preview shows how black text looks on a background with the Hex color E53EA0.



This preview shows how white text looks on a background with the Hex color E53EA0.

# 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



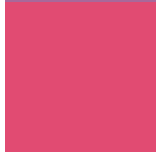
**Original Color**  
E53EA0



**Protanomaly**  
9469BF



**Deuteranomaly**  
A9689A

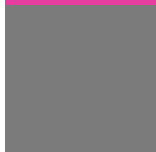


**Tritanomaly**  
E14B72

# Monochromacy



**Original Color**  
E53EA0



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
A26588

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E53EA0 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 #E53EA0 looks like.

```
.text, #text, p{  
    color:#E53EA0  
}
```

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 #E53EA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E53EA0
}
```

## Border

The CSS property to change the border of an element to Hex E53EA0 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
#E53EA0 }
```

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

```
.border{ border-color:#E53EA0 }
```

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

Here you see how a box with a 4 pixel #E53EA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E53EA0; -webkit-box-shadow:4px 4px  
4px 4px #E53EA0; box-shadow:4px 4px 4px  
4px #E53EA0 }
```

# Background

The CSS property to change the background color of an element to Hex E53EA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E53EA0 }
```

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

```
.background{ background-color:#E53EA0 }
```

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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