

# Converting Colors

Hex(E643B5)

Have a look what the booklet for  
Hex(E643B5) contains.

|  |    |
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# Color

Hex(**E643B5**)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E643B5                     |
| RGB         | 230, 67, 181               |
| RGB Percent | 90%, 26%, 71%              |
| CMY         | 0.0980, 0.7373, 0.2902     |
| CMYK        | 0.00, 0.71, 0.21, 0.10     |
| HSL         | 318°, 77%, 58%             |
| HSV         | 318°, 71%, 90%             |
| XYZ         | 42.9808, 24.1735, 46.1167  |
| YIQ         | 128.7330, 60.5540, 70.0100 |

# Conversions

## Conversions Part 2

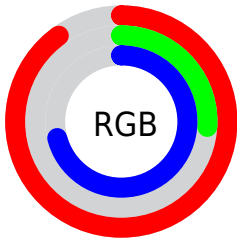
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 230, 67, 181                  |
| Decimal                             | 15090613                      |
| CIE Lab                             | 56.26, 72.31, -25.61          |
| CIE LCh                             | 56, 76.710, 340.498           |
| Yxy                                 | 24.1735, 0.3795,<br>0.2134    |
| Android<br>(android.graphics.Color) | 4293280693<br>(0xFFE643B5)    |
| YUV                                 | 128.7330, 25.7676,<br>88.8112 |
| Hunter-Lab                          | 49.1666, 70.0009,<br>-21.1956 |

# Details

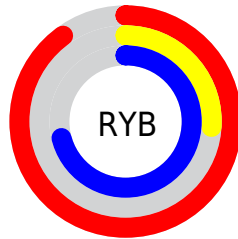
The Hex color **E643B5** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **43E674**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF80ED**, and **AA0080** is the 20% darker color. If you saturate the color by 10%, you get **E62CAE**, and if you desaturate by 10%, it is **E65ABC**.

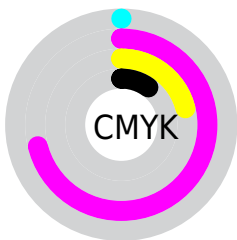
# Distribution



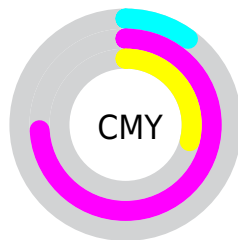
- Red (90%)
- Green (26%)
- Blue (71%)



- Red (90%)
- Yellow (26%)
- Blue (71%)



- Cyan (0%)
- Magenta (71%)
- Yellow (21%)
- Black (10%)



- Cyan (10%)
- Magenta (74%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E643B5 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 E643B5 by changing the saturation by 10% instead.



 E643B5

 E643B5

FFFFFF

 C81D9A

 FF80ED

 AA0080

 FF9DFF

 8D0067

 FFBAFF

 70004E

 FFD8FF

 540037

 FFF6FF

 390021

 190005

 000000

 E643B5

 E643B5

 E62CAE

 E65ABC

 E615A7

 E671C3

 E600A1

 E688CA

 E69FD1

 E6B6D8

 E6CDDE

 E6E4E5

 E6FBEC

 E6FFF3

# Harmonies

## Analogous

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



A569EE



E643B5



FB3473

# Triad

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



E643B5



8E8B00



00A3DD

# Complementary

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



E643B5



43E674

# 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.



00A49D



E643B5



3F9A00

# Square

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



E643B5



C67300



00A157



009AFF

# Rectangle

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



E643B5



F54647



00A157



00A4C9



# Sweetspot

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



E643B5



FFC9EF



7443E6



806076



000000



808080



# Same Dimension

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



E643B5



FF26BE



E64364



73676F



B3007D



330024



# Inverse Universe

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



E643B5



FF26BE



43E6C5



73676F



B3007D



330024



# Previews

## White Background



This preview shows how the Hex color E643B5 looks on a white background.

## Color Contrast Check

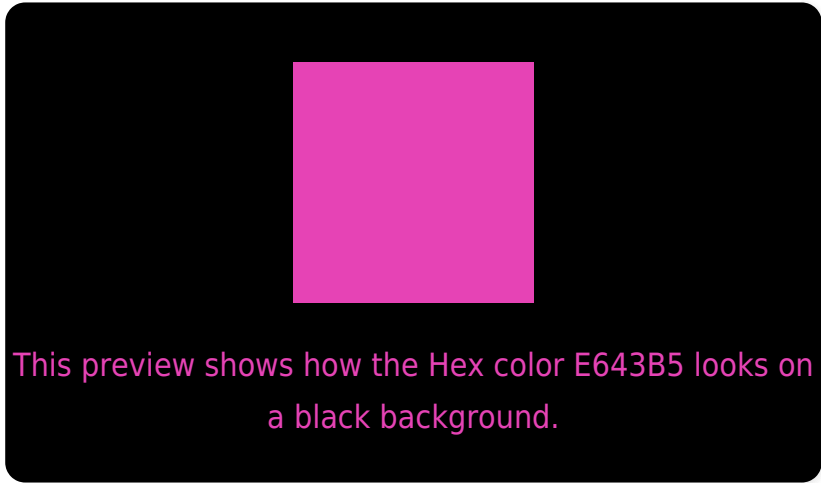
Large Text (above 18pt) WCAG AA ✓ Pass

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 E643B5 Background



This preview shows how black text looks on a background with the Hex color E643B5.



This preview shows how white text looks on a background with the Hex color E643B5.

# 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**  
DF5C62

# Trichromacy



**Original Color**  
E643B5



**Protanomaly**  
8E6CD5



**Deuteranomaly**  
A66DAF



**Tritanomaly**  
E25380

# Monochromacy



**Original Color**  
E643B5



**Achromatopsia**  
818181



**Achromatomaly**  
A66A94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E643B5 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 #E643B5 looks like.

```
.text, #text, p{  
    color:#E643B5  
}
```

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 #E643B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E643B5
}
```

## Border

The CSS property to change the border of an element to Hex E643B5 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
#E643B5 }
```

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

```
.border{ border-color:#E643B5 }
```

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

Here you see how a box with a 4 pixel #E643B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E643B5; -webkit-box-shadow:4px 4px  
4px 4px #E643B5; box-shadow:4px 4px 4px  
4px #E643B5 }
```

# Background

The CSS property to change the background color of an element to Hex E643B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E643B5 }
```

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

```
.background{ background-color:#E643B5 }
```

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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