

# Converting Colors

Hex(E243E2)

Have a look what the booklet for  
Hex(E243E2) contains.

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# Color

Hex(E243E2)

# Conversions

## Conversions Part 1

Format	Color
Hex	E243E2
RGB	226, 67, 226
RGB Percent	89%, 26%, 89%
CMY	0.1137, 0.7373, 0.1137
CMYK	0.00, 0.70, 0.00, 0.11
HSL	300°, 73%, 57%
HSV	300°, 70%, 89%
XYZ	47.0987, 25.6740, 74.4247
YIQ	132.6670, 43.7250, 83.1570

# Conversions

## Conversions Part 2

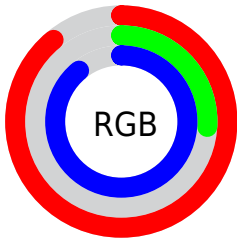
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	226, 67, 226
Decimal	14828514
CIE <sub>Lab</sub>	57.73, 77.88, -49.06
CIE <sub>LCh</sub>	58, 92.044, 327.789
Y <sub>xy</sub>	25.6740, 0.3200, 0.1744
Android (android.graphics.Color)	4293018594 (0xFFE243E2)
Y <sub>UV</sub>	132.6670, 46.0132, 81.8530
Hunter-Lab	50.6696, 77.2486, -51.6179

# Details

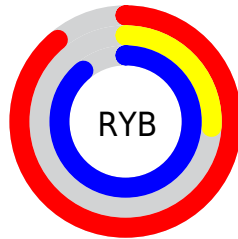
The Hex color **E243E2** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **43E243**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF81FF**, and **A700AA** is the 20% darker color. If you saturate the color by 10%, you get **E22CE2**, and if you desaturate by 10%, it is **E25AE2**.

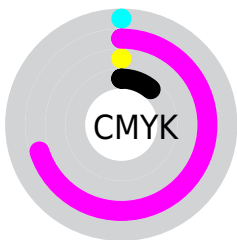
# Distribution



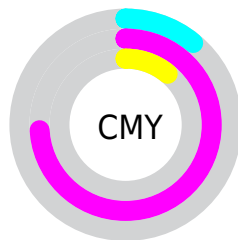
- Red (89%)
- Green (26%)
- Blue (89%)



- Red (89%)
- Yellow (26%)
- Blue (89%)



- Cyan (0%)
- Magenta (70%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (74%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E243E2 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 E243E2 by changing the saturation by 10% instead.



 E243E2

 E243E2

FFFFFF

 C41BC6

 FF81FF

 A700AA

 FF9EFF

 8A008F

 FFBCFF

 6D0075

 FFD9FF

 51005B

 FFF7FF

 360043

 16002C

 000116

 000000

 E243E2

 E243E2

 E22CE2

 E25AE2

 E216E2

 E270E2

 E200E2

 E287E2

 E29DE2

 E2B4E2

 E2CBE2

 E2E1E2

 E2F8E2

 E2FFE2

# Harmonies

## Analogous

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



6B78FF



E243E2



FF0094

# Triad

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



E243E2



AD8600



00ACD4

# Complementary

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



E243E2



43E243

# 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.



00AB82



E243E2



5D9B00

# Square

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



E243E2



E96100



00A629



00A7FF

# Rectangle

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



E243E2



FF005F



00A629



00ACBA



# Sweetspot

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



E243E2



FFC9FF



4343E2



806080



000000



808080



# Same Dimension

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



E243E2



FF29FF



E24393



706570



B000B0



300030



# Inverse Universe

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



E243E2



FF29FF



43E293



706570



B000B0



300030



# Previews

## White Background



This preview shows how the Hex color E243E2 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 E243E2 Background



This preview shows how black text looks on a background with the Hex color E243E2.




This preview shows how white text looks on a background with the Hex color E243E2.

# 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**  
D56971

# Trichromacy



**Original Color**  
E243E2



**Protanomaly**  
836EF4



**Deuteranomaly**  
9271DB



**Tritanomaly**  
DA5B9A

# Monochromacy



**Original Color**  
E243E2



**Achromatopsia**  
858585



**Achromatomaly**  
A76DA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E243E2 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 #E243E2 looks like.

```
.text, #text, p{  
    color:#E243E2  
}
```

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 #E243E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E243E2
}
```

## Border

The CSS property to change the border of an element to Hex E243E2 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
#E243E2 }
```

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

```
.border{ border-color:#E243E2 }
```

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

Here you see how a box with a 4 pixel #E243E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E243E2; -webkit-box-shadow:4px 4px  
4px 4px #E243E2; box-shadow:4px 4px 4px  
4px #E243E2 }
```

# Background

The CSS property to change the background color of an element to Hex E243E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E243E2 }
```

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

```
.background{ background-color:#E243E2 }
```

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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