

Converting Colors

Hex(E243DB)

Have a look what the booklet for
Hex(E243DB) contains.

Hex(E243DB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E243DB)

Conversions

Conversions Part 1

Format	Color
Hex	E243DB
RGB	226, 67, 219
RGB Percent	89%, 26%, 86%
CMY	0.1137, 0.7373, 0.1412
CMYK	0.00, 0.70, 0.03, 0.11
HSL	303°, 73%, 57%
HSV	303°, 70%, 89%
XYZ	46.1574, 25.2975, 69.4680
YIQ	131.8690, 45.9720, 80.9800

Conversions

Conversions Part 2

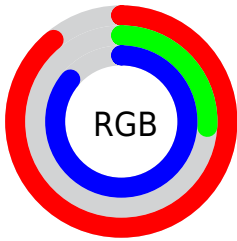
Format	Color
R _Y B	226, 67, 219
Decimal	14828507
CIE Lab	57.36, 76.79, -45.69
CIE LCh	57, 89.349, 329.248
Yxy	25.2975, 0.3275, 0.1795
Android (android.graphics.Color)	4293018587 (0xFFE243DB)
YUV	131.8690, 42.9556, 82.5529
Hunter-Lab	50.2967, 75.7908, -46.6816

Details

The Hex color **E243DB** 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 **43E24A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF80FF**, and **A700A3** is the 20% darker color. If you saturate the color by 10%, you get **E22CDA**, and if you desaturate by 10%, it is **E25ADC**.

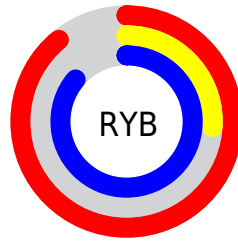
Distribution



Red (89%)

Green (26%)

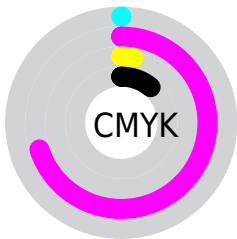
Blue (86%)



Red (89%)

Yellow (26%)

Blue (86%)

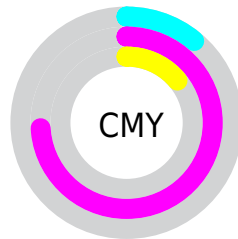


Cyan (0%)

Magenta (70%)

Yellow (3%)

Black (11%)



Cyan (11%)

Magenta (74%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color E243DB 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 E243DB by changing the saturation by 10% instead.

 E243DB

 E243DB

FFFFFF

 C41BBF

 FF80FF

 A700A3


 FF9EFF

 8A0089

 FFBBFF

 6D006F

 FFD9FF

 510056

 FFF7FF

 37003E

 170027

 00010F

 000000

 E243DB

 E243DB

 E22CDA

 E25ADC

 E216D9

 E270DD

 E200D8

 E287DE

 E29DDF

 E2B4E0

 E2CBE1

 E2E1E2

 E2F8E3

 E2FFE4

Harmonies

Analogous

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



7675FF



E243DB



FF008F

Triad

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



E243DB



A98600



00AAD5

Complementary

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



E243DB



43E24A

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.



00AA85



E243DB



5A9B00

Square

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



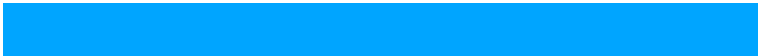
E243DB



E36300



00A530



00A5FF

Rectangle

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



E243DB



FF125C



00A530



00AABB

Sweetspot

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



E243DB



FFC9FD



4843E2



80607E



000000



808080

Same Dimension

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



E243DB



FF29F6



E2438D



706570



B000A8



30002E

Inverse Universe

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



E243DB



FF29F6



43E298



706570



B000A8



30002E

Previews

White Background



This preview shows how the Hex color E243DB 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 E243DB Background



This preview shows how black text looks on a background with the Hex color E243DB.

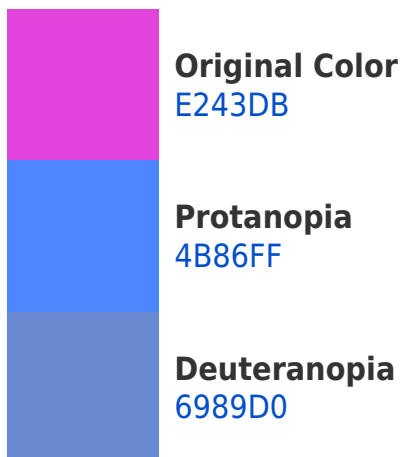


This preview shows how white text looks on a background with the Hex color E243DB.

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
D6676E

Trichromacy



Original Color
E243DB



Protanomaly
826EF2



Deuteranomaly
9570D4



Tritanomaly
DA5A96

Monochromacy



Original Color
E243DB



Achromatopsia
848484



Achromatomaly
A66CA4

CSS Examples

Text

The CSS property to change the color of the text to Hex E243DB 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 #E243DB looks like.

```
.text, #text, p{  
    color:#E243DB  
}
```

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 #E243DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E243DB }  
}
```

Border

The CSS property to change the border of an element to Hex E243DB 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 #E243DB }  
}
```

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

```
.border{ border-color:#E243DB }
```

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

Here you see how a box with a 4 pixel #E243DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E243DB; -webkit-box-shadow:4px 4px  
4px 4px #E243DB; box-shadow:4px 4px 4px  
4px #E243DB }
```

Background

The CSS property to change the background color of an element to Hex E243DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E243DB }
```

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

```
.background{ background-color:#E243DB }
```

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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