

Converting Colors

Hex(E251DD)

Have a look what the booklet for
Hex(E251DD) contains.

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Color

Hex(**E251DD**)

Conversions

Conversions Part 1

Format	Color
Hex	E251DD
RGB	226, 81, 221
RGB Percent	89%, 32%, 87%
CMY	0.1137, 0.6824, 0.1333
CMYK	0.00, 0.64, 0.02, 0.11
HSL	302°, 71%, 60%
HSV	302°, 64%, 89%
XYZ	47.3576, 27.2741, 71.1750
YIQ	140.3150, 41.4800, 74.2800

Conversions

Conversions Part 2

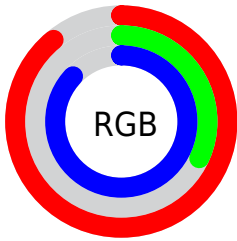
Format	Color
R _Y B	226, 81, 221
Decimal	14832093
CIE Lab	59.23, 72.13, -43.87
CIE LCh	59, 84.427, 328.691
Yxy	27.2741, 0.3248, 0.1871
Android (android.graphics.Color)	4293022173 (0xFFE251DD)
YUV	140.3150, 39.7777, 75.1457
Hunter-Lab	52.2246, 70.4720, -44.2470

Details

The Hex color **E251DD** 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 **51E256**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF8CFF**, and **A700A5** is the 20% darker color. If you saturate the color by 10%, you get **E23ADC**, and if you desaturate by 10%, it is **E268DE**.

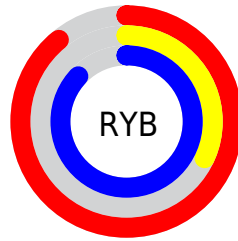
Distribution



Red (89%)

Green (32%)

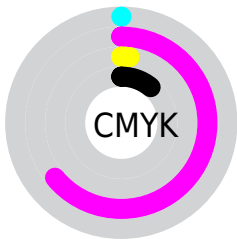
Blue (87%)



Red (89%)

Yellow (32%)

Blue (87%)

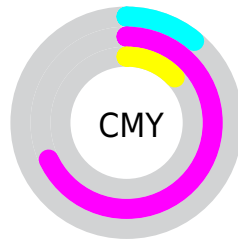


Cyan (0%)

Magenta (64%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (68%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color E251DD 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 E251DD by changing the saturation by 10% instead.

 E251DD

 E251DD

FFFFFF

 C431C1

 FF8CFF

 A700A5

 FFA9FF

 8A008B

 FFC6FF

 6E0071

 FFE3FF

 520057

 390040

 1A0028

 000112

 000000

 E251DD

 E251DD

 E23ADC

 E268DE

 E224DB

 E27EDF

 E20DDB

 E295DF

 E200DA

 E2ABE0

 E2C2E1

 E2D9E2

 E2EFE2

 E2FFE3

 E2FFE4

Harmonies

Analogous

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



7C7CFF



E251DD



FF2895

Triad

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



E251DD



AF8B00



00AED4

Complementary

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



E251DD



51E256

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.



00AE89



E251DD



669F00

Square

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



E251DD



E76A00



00A93A



00A9FF

Rectangle

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



E251DD



FF3164



00A93A



00AEBC

Sweetspot

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



E251DD



FFCFFD



5651E2



80627E



000000



808080

Same Dimension

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



E251DD



FF3BF8



E25195



706570



B000AA



30002F

Inverse Universe

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



E251DD



FF3BF8



51E29E



706570



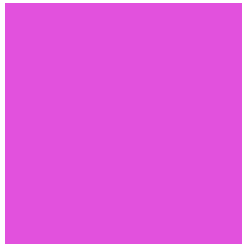
B000AA



30002F

Previews

White Background



This preview shows how the Hex color E251DD 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 E251DD Background



This preview shows how black text looks on a background with the Hex color E251DD.

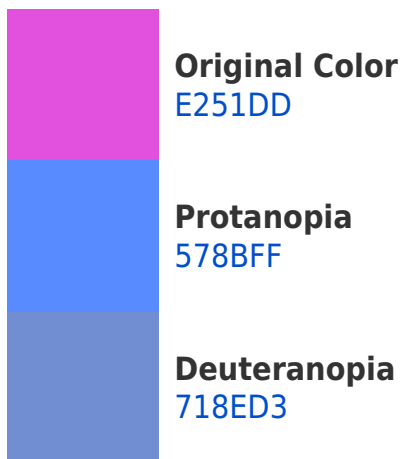


This preview shows how white text looks on a background with the Hex color E251DD.

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](#).

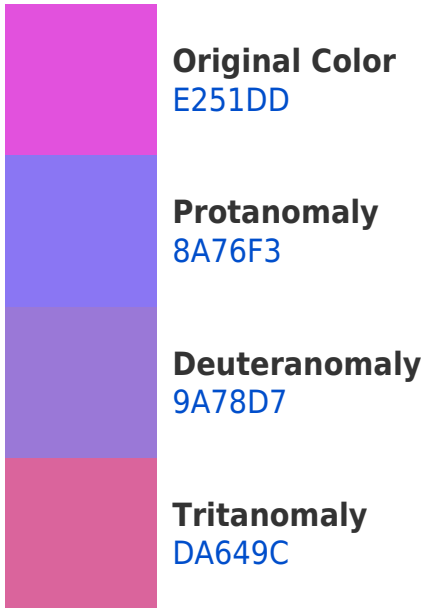
Dichromacy



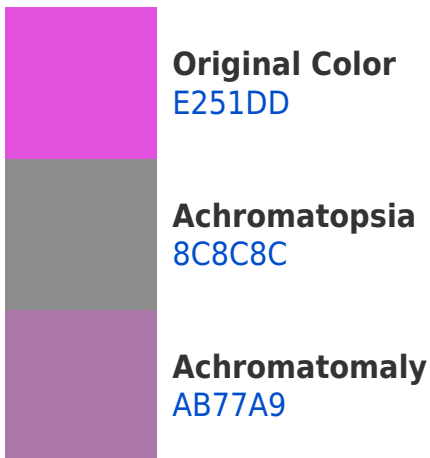


Tritanopia
D66F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E251DD 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 #E251DD looks like.

```
.text, #text, p{  
    color:#E251DD  
}
```

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 #E251DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E251DD
}
```

Border

The CSS property to change the border of an element to Hex E251DD 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
#E251DD }
```

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

```
.border{ border-color:#E251DD }
```

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

Here you see how a box with a 4 pixel #E251DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E251DD; -webkit-box-shadow:4px 4px  
4px 4px #E251DD; box-shadow:4px 4px 4px  
4px #E251DD }
```

Background

The CSS property to change the background color of an element to Hex E251DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E251DD }
```

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

```
.background{ background-color:#E251DD }
```

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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