

Converting Colors

Hex(E258DC)

Have a look what the booklet for
Hex(E258DC) contains.

Hex(E258DC)	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(E258DC)

Conversions

Conversions Part 1

Format	Color
Hex	E258DC
RGB	226, 88, 220
RGB Percent	89%, 35%, 86%
CMY	0.1137, 0.6549, 0.1373
CMYK	0.00, 0.61, 0.03, 0.11
HSL	303°, 70%, 62%
HSV	303°, 61%, 89%
XYZ	47.7720, 28.3155, 70.6577
YIQ	144.3100, 39.8760, 70.3080

Conversions

Conversions Part 2

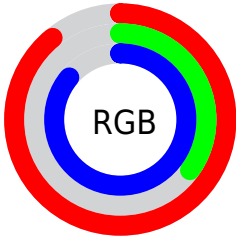
Format	Color
R _{YB}	226, 88, 220
Decimal	14833884
CIE _{Lab}	60.17, 69.21, -41.82
CIE _{LCh}	60, 80.864, 328.857
Yxy	28.3155, 0.3255, 0.1930
Android (android.graphics.Color)	4293023964 (0xFFE258DC)
YUV	144.3100, 37.3152, 71.6421
Hunter-Lab	53.2123, 67.1291, -41.4793

Details

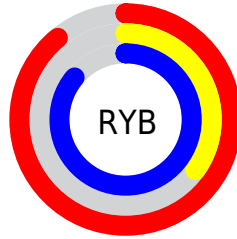
The Hex color **E258DC** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **58E25E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF92FF**, and **A711A4** is the 20% darker color. If you saturate the color by 10%, you get **E241DB**, and if you desaturate by 10%, it is **E26FDD**.

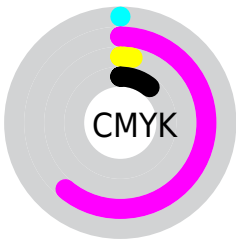
Distribution



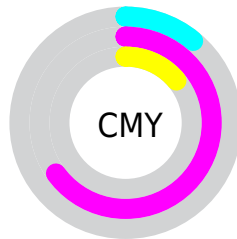
- Red (89%)
- Green (35%)
- Blue (86%)



- Red (89%)
- Yellow (35%)
- Blue (86%)



- Cyan (0%)
- Magenta (61%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (65%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color E258DC 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 E258DC by changing the saturation by 10% instead.

 E258DC

 E258DC

FFFFFF

 C439C0

 FF92FF

 A711A4

 FFAEFF

 8B008A

 FFCBFF

 6F0070

 FFE9FF

 530057

 3A003F

 1C0028

 000111

 000000

 E258DC

 E258DC

 E241DB

 E26FDD

 E22BDA

 E285DE

 E214D9

 E29CDF

 E200D8

 E2B2E0

 E2C9E1

 E2E0E2

 E2F6E3

 E2FFE4

 E2FFE5

Harmonies

Analogous

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



837FFF



E258DC



FF3897

Triad

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



E258DC



B18D00



00B0D4

Complementary

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



E258DC



58E25E

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.



00B08C



E258DC



6BA100

Square

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



E258DC



E76F00



00AB41



00AAFF

Rectangle

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



E258DC



FF3E68



00AB41



00B0BD

Sweetspot

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



E258DC



FFD1FD



5D58E2



80637E



000000



808080

Same Dimension

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



E258DC



FF45F7



E25898



706570



B000A8



30002E

Inverse Universe

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



E258DC



FF45F7



58E2A2



706570



B000A8



30002E

Previews

White Background



This preview shows how the Hex color E258DC 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

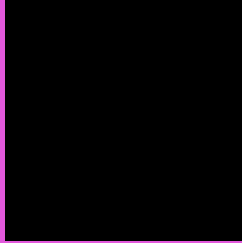
Any Text WCAG AA ✓ Pass

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 E258DC Background



This preview shows how black text looks on a background with the Hex color E258DC.



This preview shows how white text looks on a background with the Hex color E258DC.

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](#).

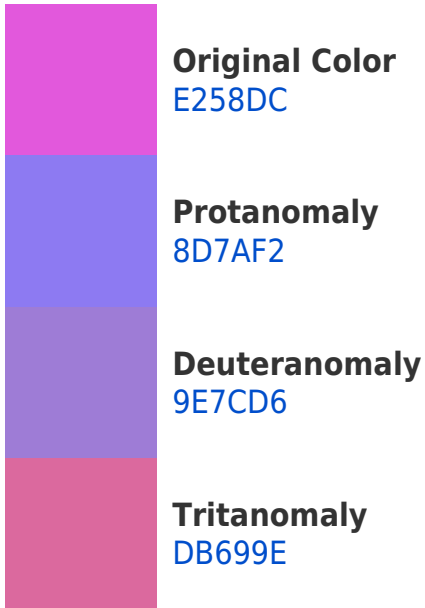
Dichromacy



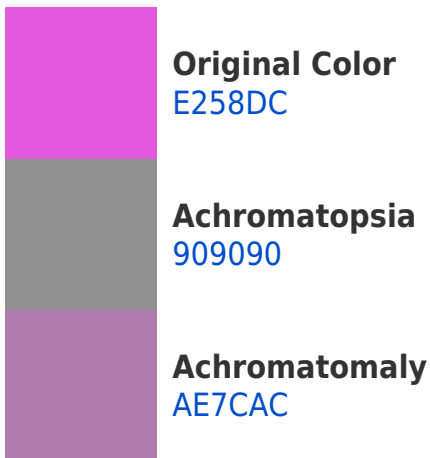


Tritanopia
D7737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E258DC 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 #E258DC looks like.

```
.text, #text, p{  
    color:#E258DC  
}
```

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 #E258DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E258DC
}
```

Border

The CSS property to change the border of an element to Hex E258DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

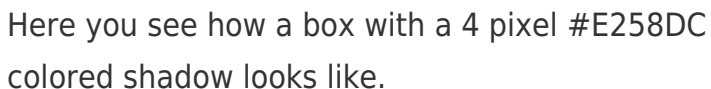
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E258DC }
```

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

```
.border{ border-color:#E258DC }
```

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



Here you see how a box with a 4 pixel #E258DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E258DC; -webkit-box-shadow:4px 4px  
4px 4px #E258DC; box-shadow:4px 4px 4px  
4px #E258DC }
```

Background

The CSS property to change the background color of an element to Hex E258DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E258DC }
```

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

```
.background{ background-color:#E258DC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor