

Converting Colors

Hex(E28EE0)

Have a look what the booklet for
Hex(E28EE0) contains.

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Color

Hex(E28EE0)

Conversions

Conversions Part 1

Format	Color
Hex	E28EE0
RGB	226, 142, 224
RGB Percent	89%, 56%, 88%
CMY	0.1137, 0.4431, 0.1216
CMYK	0.00, 0.37, 0.01, 0.11
HSL	301°, 59%, 72%
HSV	301°, 37%, 89%
XYZ	54.4916, 40.8966, 75.5428
YIQ	176.4640, 23.7420, 43.3100

Conversions

Conversions Part 2

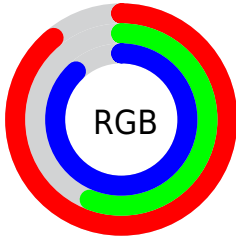
Format	Color
R _Y B	226, 142, 224
Decimal	14847712
CIE Lab	70.10, 44.23, -28.60
CIE LCh	70, 52.674, 327.114
Yxy	40.8966, 0.3188, 0.2393
Android (android.graphics.Color)	4293037792 (0xFFE28EE0)
YUV	176.4640, 23.4352, 43.4431
Hunter-Lab	63.9504, 40.1850, -25.2723

Details

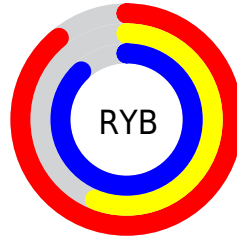
The Hex color **E28EE0** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8EE290**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFC5FF**, and **A959A9** is the 20% darker color. If you saturate the color by 10%, you get **E277DF**, and if you desaturate by 10%, it is **E2A5E1**.

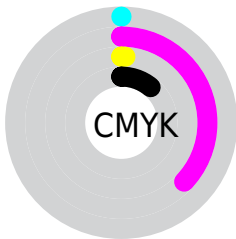
Distribution



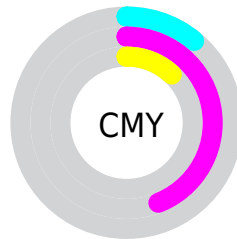
- Red (89%)
- Green (56%)
- Blue (88%)



- Red (89%)
- Yellow (56%)
- Blue (88%)



- Cyan (0%)
- Magenta (37%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (44%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color E28EE0 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 E28EE0 by changing the saturation by 10% instead.

 E28EE0

 E28EE0

FFFFFF

 C573C4

 FFC5FF

 A959A9

 FFE2FF

 8E408E

 732674

 59075B

 3F0043

 2B002D

 000017

 000000

 E28EE0

 E28EE0

 E277DF

 E2A5E1

 E261DF

 E2BBE1

 E24ADE

 E2D2E2

 E234DE

 E2E8E2

 E21DDD

 E2FFE3

 E206DD

 E2FFE4

 E200DD

 E2FFE5

Harmonies

Analogous

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



A7A1FF



E28EE0



FF83B2

Triad

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



E28EE0



CBA748



00C3D6

Complementary

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



E28EE0



8EE290

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.



00C3A5



E28EE0



9CB552

Square

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



E28EE0



F0965C



5FBF75



00BDFB

Rectangle

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



E28EE0



FF8392



5FBF75



00C3C6

Sweetspot

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



E28EE0



FFE3FE



8F8EE2



806F7F



000000



808080

Same Dimension

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



E28EE0



FF8CFC



E28EB7



706570



B000AC



30002F

Inverse Universe

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



E28EE0



FF8CFC



8EE2B9



706570



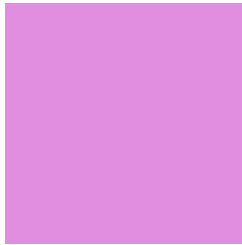
B000AC



30002F

Previews

White Background



This preview shows how the Hex color E28EE0 looks on a white background.

Color Contrast Check

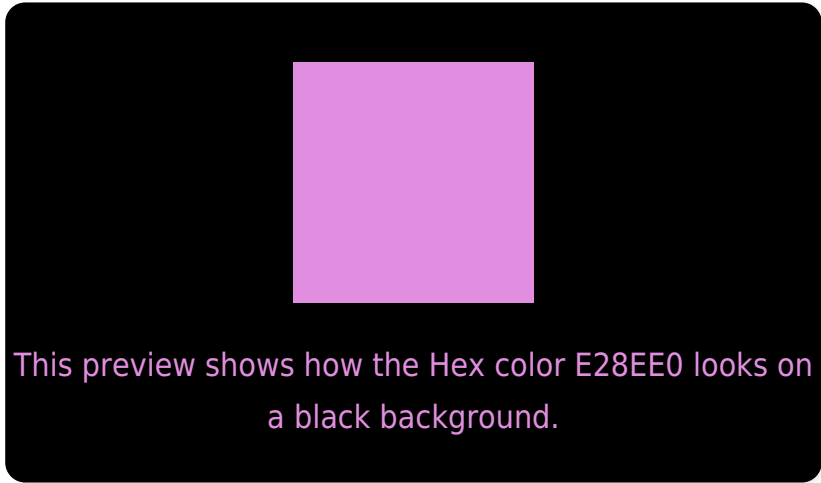
Large Text (above 18pt) WCAG AA × Fail

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

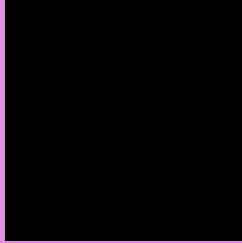
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E28EE0 Background



This preview shows how black text looks on a background with the Hex color E28EE0.



This preview shows how white text looks on a background with the Hex color E28EE0.

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
DA9AA6

Trichromacy



Original Color
E28EE0



Protanomaly
B09FED



Deuteranomaly
BA9FDD



Tritanomaly
DD96BB

Monochromacy



Original Color
E28EE0



Achromatopsia
B0B0B0



Achromatomaly
C2A4C1

CSS Examples

Text

The CSS property to change the color of the text to Hex E28EE0 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 #E28EE0 looks like.

```
.text, #text, p{  
  color:#E28EE0  
}
```

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 #E28EE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E28EE0  
}
```

Border

The CSS property to change the border of an element to Hex E28EE0 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  
#E28EE0 }
```

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

```
.border{ border-color:#E28EE0 }
```

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

Here you see how a box with a 4 pixel #E28EE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E28EE0; -webkit-box-shadow:4px 4px  
4px 4px #E28EE0; box-shadow:4px 4px 4px  
4px #E28EE0 }
```

Background

The CSS property to change the background color of an element to Hex E28EE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E28EE0 }
```

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

```
.background{ background-color:#E28EE0 }
```

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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