

Converting Colors

Hex(E349DB)

Have a look what the booklet for
Hex(E349DB) contains.

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Color

Hex(E349DB)

Conversions

Conversions Part 1

Format	Color
Hex	E349DB
RGB	227, 73, 219
RGB Percent	89%, 29%, 86%
CMY	0.1098, 0.7137, 0.1412
CMYK	0.00, 0.68, 0.04, 0.11
HSL	303°, 73%, 59%
HSV	303°, 68%, 89%
XYZ	46.8473, 26.2105, 69.6078
YIQ	135.6900, 44.9180, 78.0540

Conversions

Conversions Part 2

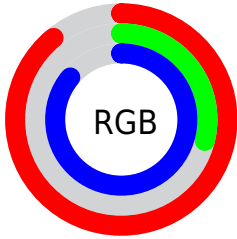
Format	Color
R _{YB}	227, 73, 219
Decimal	14895579
CIE Lab	58.24, 74.98, -44.30
CIE LCh	58, 87.083, 329.424
Yxy	26.2105, 0.3284, 0.1837
Android (android.graphics.Color)	4293085659 (0xFFE349DB)
YUV	135.6900, 41.0718, 80.0789
Hunter-Lab	51.1961, 73.7440, -44.7752

Details

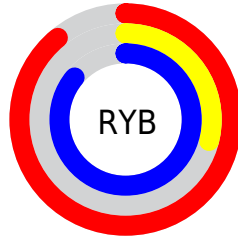
The Hex color **E349DB** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **49E351**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF85FF**, and **A800A3** is the 20% darker color. If you saturate the color by 10%, you get **E332DA**, and if you desaturate by 10%, it is **E360DC**.

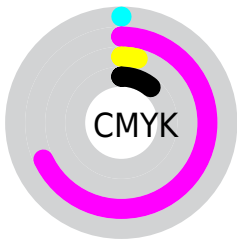
Distribution



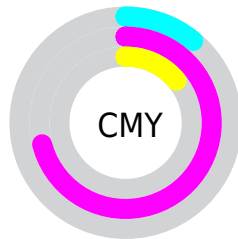
- Red (89%)
- Green (29%)
- Blue (86%)



- Red (89%)
- Yellow (29%)
- Blue (86%)



- Cyan (0%)
- Magenta (68%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (71%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color E349DB 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 E349DB by changing the saturation by 10% instead.

 E349DB

 E349DB

FFFFFF

 C525BF

 FF85FF

 A800A3

 FFA2FF

 8B0089

 FFC0FF

 6E006F

 FFDDFF

 520056

 FFFBFF

 39003E

 190027

 000110

 000000

 E349DB

 E349DB

 E332DA

 E360DC

 E31CD9

 E376DD

 E305D7

 E38DDF

 E300D7

 E3A4E0

 E3BBE1

 E3D1E2

 E3E8E3

 E3FFE4

 E3FFE6

Harmonies

Analogous

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



7B78FF



E349DB



FF1491

Triad

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



E349DB



AB8900



00ACD6

Complementary

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



E349DB



49E351

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.



00AC88



E349DB



5E9D00

Square

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



E349DB



E46700



00A736



00A7FF

Rectangle

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



E349DB



FF255F



00A736



00ACBD

Sweetspot

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



E349DB



FFCCFC



5149E3



80617E



000000



808080

Same Dimension

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



E349DB



FF30F4



E3498E



736772



B300A9



330030

Inverse Universe

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



E349DB



FF30F4



49E39E



736772



B300A9



330030

Previews

White Background



This preview shows how the Hex color E349DB 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

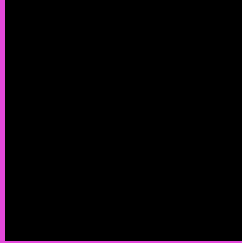
Any Text WCAG AA ✓ Pass

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 E349DB Background



This preview shows how black text looks on a background with the Hex color E349DB.

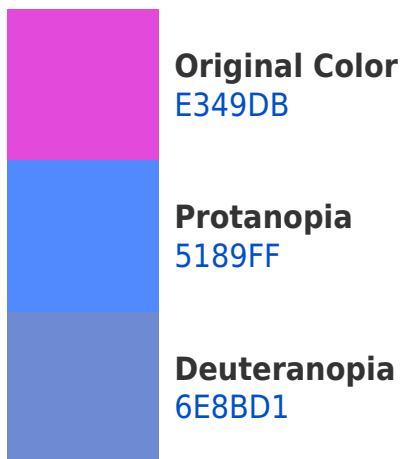


This preview shows how white text looks on a background with the Hex color E349DB.

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
D76A72

Trichromacy



Original Color
E349DB



Protanomaly
8672F2



Deuteranomaly
9973D5



Tritanomaly
DB5E98

Monochromacy



Original Color
E349DB



Achromatopsia
888888



Achromatomaly
A971A6

CSS Examples

Text

The CSS property to change the color of the text to Hex E349DB 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 #E349DB looks like.

```
.text, #text, p{  
    color:#E349DB  
}
```

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 #E349DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E349DB
}
```

Border

The CSS property to change the border of an element to Hex E349DB 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
#E349DB }
```

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

```
.border{ border-color:#E349DB }
```

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

Here you see how a box with a 4 pixel #E349DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E349DB; -webkit-box-shadow:4px 4px  
4px 4px #E349DB; box-shadow:4px 4px 4px  
4px #E349DB }
```

Background

The CSS property to change the background color of an element to Hex E349DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E349DB }
```

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

```
.background{ background-color:#E349DB }
```

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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