

# Converting Colors

Hex(E259E2)

Have a look what the booklet for  
Hex(E259E2) contains.

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# Color

Hex(E259E2)

# Conversions

## Conversions Part 1

Format	Color
Hex	E259E2
RGB	226, 89, 226
RGB Percent	89%, 35%, 89%
CMY	0.1137, 0.6510, 0.1137
CMYK	0.00, 0.61, 0.00, 0.11
HSL	300°, 70%, 62%
HSV	300°, 61%, 89%
XYZ	48.6639, 28.8045, 74.9465
YIQ	145.5810, 37.6750, 71.6510

# Conversions

## Conversions Part 2

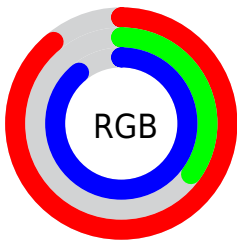
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	226, 89, 226
Decimal	14834146
CIE <sub>Lab</sub>	60.61, 69.79, -44.50
CIE <sub>LCh</sub>	61, 82.772, 327.475
Yxy	28.8045, 0.3193, 0.1890
Android (android.graphics.Color)	4293024226 (0xFFE259E2)
YUV	145.5810, 39.6466, 70.5275
Hunter-Lab	53.6698, 67.9286, -45.2258

# Details

The Hex color **E259E2** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **59E259**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF93FF**, and **A713AA** is the 20% darker color. If you saturate the color by 10%, you get **E242E2**, and if you desaturate by 10%, it is **E270E2**.

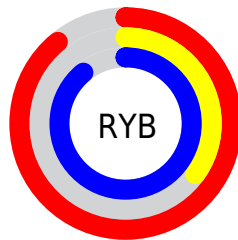
# Distribution



Red (89%)

Green (35%)

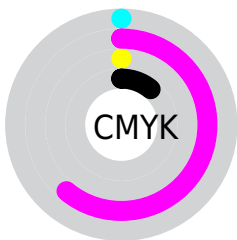
Blue (89%)



Red (89%)

Yellow (35%)

Blue (89%)

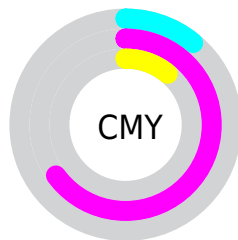


Cyan (0%)

Magenta (61%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (65%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E259E2 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 E259E2 by changing the saturation by 10% instead.



 E259E2

 E259E2

FFFFFF

 C43BC6

 FF93FF

 A713AA

 FFAFFF

 8B008F

 FFCDFD

 6F0075

 FFEAFF

 53005C

 3A0044

 1C002C

 000116

 000000

 E259E2

 E259E2

 E242E2

 E270E2

 E22CE2

 E286E2

 E215E2

 E29DE2

 E200E2

 E2B3E2

 E2CAE2

 E2E1E2

 E2F7E2

 E2FFE2

# Harmonies

## Analogous

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



7C81FF



E259E2



FF359C

# Triad

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



E259E2



B68D00



00B2D4

# Complementary

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



E259E2



59E259

# 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.



00B18A



E259E2



6EA100

# Square

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



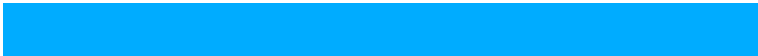
E259E2



EC6D00



00AC3C



00ACFF

# Rectangle

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



E259E2



FF3A6B



00AC3C



00B2BC



# Sweetspot

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



E259E2



FFD1FF



5959E2



806380



000000



808080



# Same Dimension

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



E259E2



FF45FF



E2599D



706570



B000B0



300030



# Inverse Universe

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



E259E2



FF45FF



59E29D



706570



B000B0

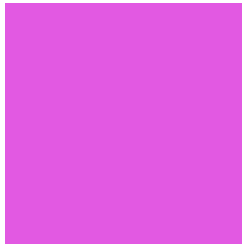


300030



# Previews

## White Background



This preview shows how the Hex color E259E2 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

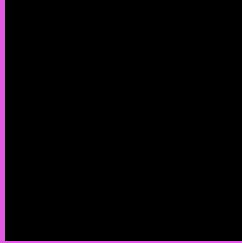
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E259E2 Background



This preview shows how black text looks on a background with the Hex color E259E2.

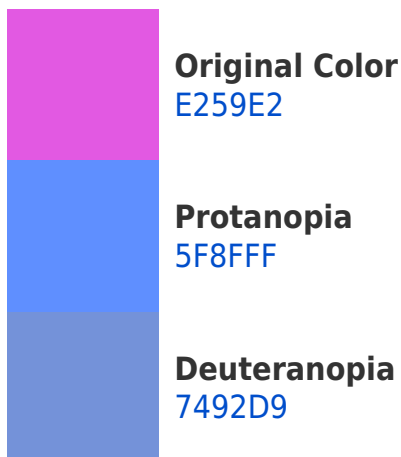


This preview shows how white text looks on a background with the Hex color E259E2.

# 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**  
D6757E

# Trichromacy



**Original Color**  
E259E2



**Protanomaly**  
8F7BF4



**Deuteranomaly**  
9C7DDC



**Tritanomaly**  
DA6BA2

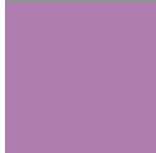
# Monochromacy



**Original Color**  
E259E2



**Achromatopsia**  
929292



**Achromatomaly**  
AF7DAF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E259E2 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 #E259E2 looks like.

```
.text, #text, p{  
    color:#E259E2  
}
```

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 #E259E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E259E2
}
```

## Border

The CSS property to change the border of an element to Hex E259E2 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
#E259E2 }
```

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

```
.border{ border-color:#E259E2 }
```

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

Here you see how a box with a 4 pixel #E259E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E259E2; -webkit-box-shadow:4px 4px  
4px 4px #E259E2; box-shadow:4px 4px 4px  
4px #E259E2 }
```

# Background

The CSS property to change the background color of an element to Hex E259E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E259E2 }
```

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

```
.background{ background-color:#E259E2 }
```

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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