

# Converting Colors

Hex(E295CF)

Have a look what the booklet for  
Hex(E295CF) contains.

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# **Color**

**Hex(E295CF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E295CF
RGB	226, 149, 207
RGB Percent	89%, 58%, 81%
CMY	0.1137, 0.4157, 0.1882
CMYK	0.00, 0.34, 0.08, 0.11
HSL	315°, 57%, 74%
HSV	315°, 34%, 89%
XYZ	53.3740, 42.1686, 64.3577
YIQ	178.6350, 27.2740, 34.3620

# Conversions

## Conversions Part 2

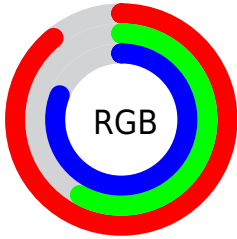
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 149, 207
Decimal	14849487
CIE Lab	70.99, 37.57, -17.87
CIE LCh	71, 41.598, 334.562
Yxy	42.1686, 0.3338, 0.2637
Android (android.graphics.Color)	4293039567 (0xFFE295CF)
YUV	178.6350, 13.9839, 41.5391
Hunter-Lab	64.9374, 33.0740, -13.3046

# Details

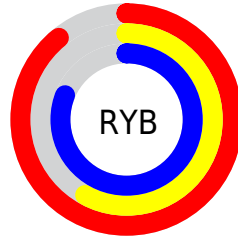
The Hex color **E295CF** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **95E2A8**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFCCFF**, and **A96199** is the 20% darker color. If you saturate the color by 10%, you get **E27EC9**, and if you desaturate by 10%, it is **E2ACD5**.

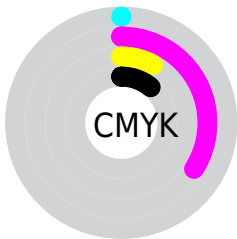
# Distribution



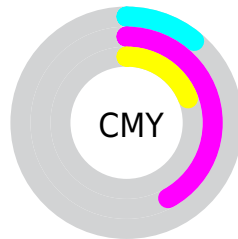
- Red (89%)
- Green (58%)
- Blue (81%)



- Red (89%)
- Yellow (58%)
- Blue (81%)



- Cyan (0%)
- Magenta (34%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (42%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E295CF 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 E295CF by changing the saturation by 10% instead.



 E295CF

 E295CF

FFFFFF

 C57AB3

 FFCCFF

 A96199

 FFE9FF

 8E487F

 742F65

 5A154D

 410036

 2C0021

 000006

 000000

 E295CF

 E295CF

 E27EC9

 E2ACD5

 E268C4

 E2C2DA

 E251BE

 E2D9E0

 E23BB9

 E2EFE5

 E224B3

 E2FFEB

 E20DAE

 E2FFF0

 E200AA

 E2FFF6

 E2FFFC

 E2FFFF

# Harmonies

## Analogous

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



B9A2EC



E295CF



F590A9

# Triad

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



E295CF



C0AD61



00C0D7

# Complementary

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



E295CF



95E2A8

# 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.



28C2B2



E295CF



98B86E

# Square

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



E295CF



E0A06A



69BF8C



2DBAF1

# Rectangle

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



E295CF



F79290



69BF8C



00C1CC



# Sweetspot

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



E295CF



FFE6F9



A795E2



80707C



000000



808080



# Same Dimension

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



E295CF



FF96E5



E295AA



70656D



B00085



300024



# Inverse Universe

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



E295CF



FF96E5



95E2CD



70656D



B00085



300024



# Previews

## White Background



This preview shows how the Hex color E295CF 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 E295CF Background



This preview shows how black text looks on a background with the Hex color E295CF.

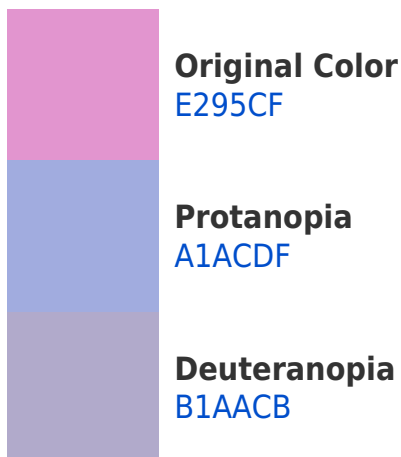



This preview shows how white text looks on a background with the Hex color E295CF.

# 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**  
DD9CA8

# Trichromacy



**Original Color**  
E295CF



**Protanomaly**  
B9A4D9



**Deuteranomaly**  
C3A2CC

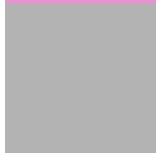


**Tritanomaly**  
DF99B6

# Monochromacy



**Original Color**  
E295CF



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
C4A8BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E295CF 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 #E295CF looks like.

```
.text, #text, p{  
    color:#E295CF  
}
```

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 #E295CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E295CF
}
```

## Border

The CSS property to change the border of an element to Hex E295CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

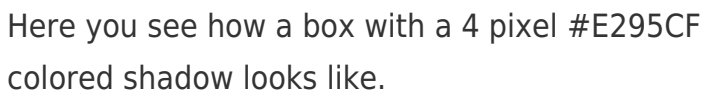
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E295CF }
```

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

```
.border{ border-color:#E295CF }
```

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



Here you see how a box with a 4 pixel #E295CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E295CF; -webkit-box-shadow:4px 4px  
4px 4px #E295CF; box-shadow:4px 4px 4px  
4px #E295CF }
```

# Background

The CSS property to change the background color of an element to Hex E295CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E295CF }
```

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

```
.background{ background-color:#E295CF }
```

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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