

# Converting Colors

Hex(E495CA)

Have a look what the booklet for  
Hex(E495CA) contains.

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# **Color**

**Hex(E495CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E495CA
RGB	228, 149, 202
RGB Percent	89%, 58%, 79%
CMY	0.1059, 0.4157, 0.2078
CMYK	0.00, 0.35, 0.11, 0.11
HSL	320°, 59%, 74%
HSV	320°, 35%, 89%
XYZ	53.4030, 42.2531, 61.2181
YIQ	178.6630, 30.0710, 33.2310

# Conversions

## Conversions Part 2

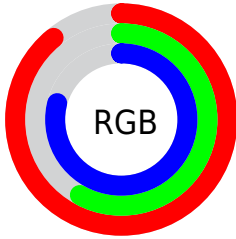
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 149, 202
Decimal	14980554
CIE Lab	71.05, 37.39, -14.99
CIE LCh	71, 40.284, 338.150
Yxy	42.2531, 0.3404, 0.2693
Android (android.graphics.Color)	4293170634 (0xFFE495CA)
YUV	178.6630, 11.5051, 43.2685
Hunter-Lab	65.0024, 32.8932, -10.3366

# Details

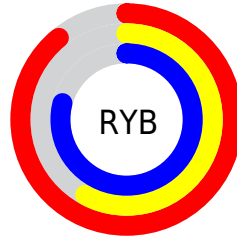
The Hex color **E495CA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **95E4AF**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFCCFF**, and **AB6194** is the 20% darker color. If you saturate the color by 10%, you get **E47EC2**, and if you desaturate by 10%, it is **E4ACD2**.

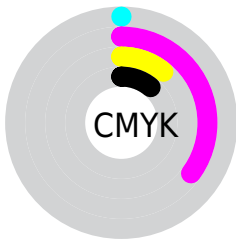
# Distribution



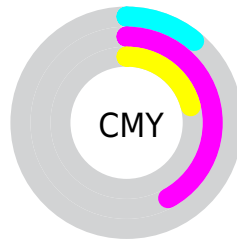
- Red (89%)
- Green (58%)
- Blue (79%)



- Red (89%)
- Yellow (58%)
- Blue (79%)



- Cyan (0%)
- Magenta (35%)
- Yellow (11%)
- Black (11%)



- Cyan (11%)
- Magenta (42%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E495CA 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 E495CA by changing the saturation by 10% instead.



 E495CA

 E495CA

FFFFFF

 C77AAF

 FFCCFF

 AB6194

 FFE9FF

 90477A

 752F61

 5B1549

 420033

 2D001E

 000000

 E495CA

 E495CA

 E47EC2

 E4ACD2

 E467BB

 E4C3D9

 E451B3

 E4D9E1

 E43AAC

 E4F0E8

 E423A4

 E4FFF0

 E40C9D

 E4FFF7

 E40099

 E4FFFF

# Harmonies

## Analogous

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



BFA1E8



E495CA



F491A5

# Triad

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



E495CA



BCAF64



00C0DA

# Complementary

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



E495CA



95E4AF

# 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.



2AC1B7



E495CA



94B973

# Square

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



E495CA



DCA26A



66BF91



42B9F1

# Rectangle

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



E495CA



F4948D



66BF91



00C1CF



# Sweetspot

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



E495CA



FFE6F7



AE95E4



80707A



000000



808080



# Same Dimension

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



E495CA



FF94DC



E495A3



73676F



B30078



330022



# Inverse Universe

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



E495CA



FF94DC



95E4D6



73676F



B30078

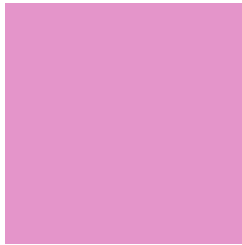


330022



# Previews

## White Background



This preview shows how the Hex color E495CA 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 E495CA Background



This preview shows how black text looks on a background with the Hex color E495CA.

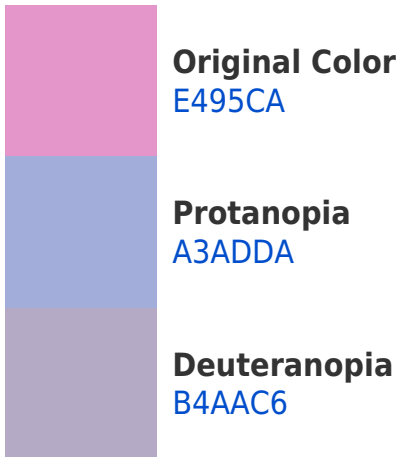


This preview shows how white text looks on a background with the Hex color E495CA.

# 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**  
E09BA7

# Trichromacy



**Original Color**  
E495CA



**Protanomaly**  
BBA4D4



**Deuteranomaly**  
C5A2C7



**Tritanomaly**  
E199B4

# Monochromacy



**Original Color**  
E495CA



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
C5A8BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E495CA 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 #E495CA looks like.

```
.text, #text, p{  
    color:#E495CA  
}
```

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 #E495CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E495CA
}
```

## Border

The CSS property to change the border of an element to Hex E495CA 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
#E495CA }
```

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

```
.border{ border-color:#E495CA }
```

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

Here you see how a box with a 4 pixel #E495CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E495CA; -webkit-box-shadow:4px 4px  
4px 4px #E495CA; box-shadow:4px 4px 4px  
4px #E495CA }
```

# Background

The CSS property to change the background color of an element to Hex E495CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E495CA }
```

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

```
.background{ background-color:#E495CA }
```

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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