

# Converting Colors

Hex(E295BA)

Have a look what the booklet for  
Hex(E295BA) contains.

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**Color**

**Hex(E295BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E295BA
RGB	226, 149, 186
RGB Percent	89%, 58%, 73%
CMY	0.1137, 0.4157, 0.2706
CMYK	0.00, 0.34, 0.18, 0.11
HSL	331°, 57%, 74%
HSV	331°, 34%, 89%
XYZ	50.9744, 41.2088, 51.7218
YIQ	176.2410, 34.0150, 27.8310

# Conversions

## Conversions Part 2

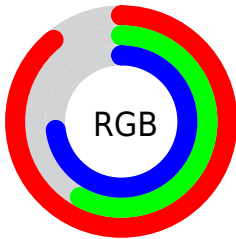
Format	Color
R <sub>YB</sub>	226, 149, 186
Decimal	14849466
CIE Lab	70.32, 34.15, -7.22
CIE LCh	70, 34.910, 348.063
Yxy	41.2088, 0.3542, 0.2864
Android (android.graphics.Color)	4293039546 (0xFFE295BA)
YUV	176.2410, 4.8112, 43.6386
Hunter-Lab	64.1941, 29.4013, -2.8347

# Details

The Hex color **E295BA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **95E2BD**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFCCF2**, and **A96185** is the 20% darker color. If you saturate the color by 10%, you get **E27EAE**, and if you desaturate by 10%, it is **E2ACC6**.

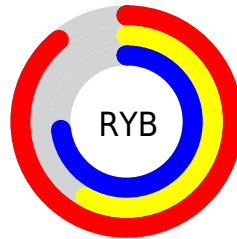
# Distribution



Red (89%)

Green (58%)

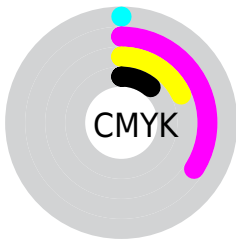
Blue (73%)



Red (89%)

Yellow (58%)

Blue (73%)

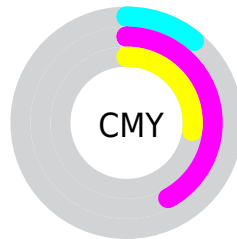


Cyan (0%)

Magenta (34%)

Yellow (18%)

Black (11%)



Cyan (11%)

Magenta (42%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E295BA 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 E295BA by changing the saturation by 10% instead.



 E295BA

 E295BA

FFFFFF

 C57B9F

 FFCCF2

 A96185

 FFE8FF

 8E486C

 733053

 59173C

 400027

 2C0012

 000000

 E295BA

 E295BA

 E27EAE

 E2ACC6

 E268A3

 E2C2D1

 E25197

 E2D9DD

 E23B8B

 E2EFE9

 E2247F

 E2FFF5

 E20D74

 E2FFFF

 E2006D

# Harmonies

## Analogous

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



C79DD7



E295BA



EB949A

# Triad

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



E295BA



AEB06F



3FBADA

# Complementary

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



E295BA



95E2BD

# 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.



3FBDBE



E295BA



8AB881

# Square

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



E295BA



CDA66E



63BC9E



6BB3E9

# Rectangle

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



E295BA



E79886



63BC9E



38BBD2



# Sweetspot

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



E295BA



FFE6F2



BD95E2



807078



000000



808080



# Same Dimension

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



E295BA



FF96C9



E29695



70656A



B00055



300017



# Inverse Universe

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



E295BA



FF96C9



95E1E2



70656A



B00055

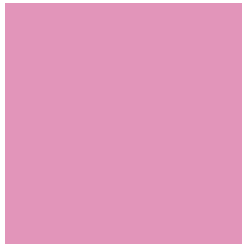


300017



# Previews

## White Background



This preview shows how the Hex color E295BA 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 E295BA Background



This preview shows how black text looks on a background with the Hex color E295BA.

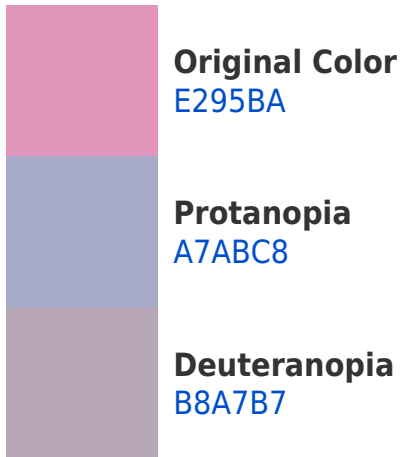


This preview shows how white text looks on a background with the Hex color E295BA.

# 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**  
E099A4

# Trichromacy



**Original Color**  
E295BA



**Protanomaly**  
BCA3C3



**Deuteranomaly**  
C7A0B8

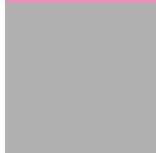


**Tritanomaly**  
E198AC

# Monochromacy



**Original Color**  
E295BA



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
C2A6B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E295BA 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 #E295BA looks like.

```
.text, #text, p{  
    color:#E295BA  
}
```

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 #E295BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E295BA
}
```

## Border

The CSS property to change the border of an element to Hex E295BA 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
#E295BA }
```

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

```
.border{ border-color:#E295BA }
```

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

Here you see how a box with a 4 pixel #E295BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E295BA; -webkit-box-shadow:4px 4px  
4px 4px #E295BA; box-shadow:4px 4px 4px  
4px #E295BA }
```

# Background

The CSS property to change the background color of an element to Hex E295BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E295BA }
```

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

```
.background{ background-color:#E295BA }
```

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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