

Converting Colors

Hex(E295D8)

Have a look what the booklet for
Hex(E295D8) contains.

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Color

Hex(E295D8)

Conversions

Conversions Part 1

Format	Color
Hex	E295D8
RGB	226, 149, 216
RGB Percent	89%, 58%, 85%
CMY	0.1137, 0.4157, 0.1529
CMYK	0.00, 0.34, 0.04, 0.11
HSL	308°, 57%, 74%
HSV	308°, 34%, 89%
XYZ	54.5061, 42.6215, 70.3197
YIQ	179.6610, 24.3850, 37.1610

Conversions

Conversions Part 2

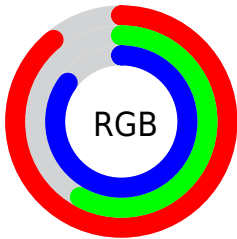
Format	Color
R _Y B	226, 149, 216
Decimal	14849496
CIE Lab	71.30, 39.12, -22.36
CIE LCh	71, 45.065, 330.247
Yxy	42.6215, 0.3255, 0.2545
Android (android.graphics.Color)	4293039576 (0xFFE295D8)
YUV	179.6610, 17.9151, 40.6393
Hunter-Lab	65.2852, 34.7795, -18.1626

Details

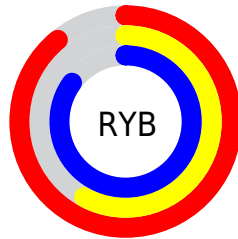
The Hex color **E295D8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **95E29F**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFCCFF**, and **A961A1** is the 20% darker color. If you saturate the color by 10%, you get **E27ED5**, and if you desaturate by 10%, it is **E2ACDB**.

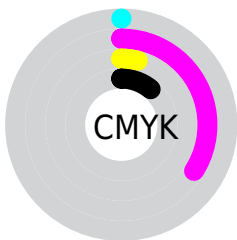
Distribution



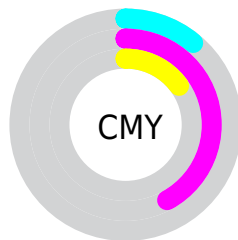
- Red (89%)
- Green (58%)
- Blue (85%)



- Red (89%)
- Yellow (58%)
- Blue (85%)



- Cyan (0%)
- Magenta (34%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color E295D8 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 E295D8 by changing the saturation by 10% instead.

 E295D8

 E295D8

FFFFFF

 C57ABC

 FFCCFF

 A961A1

 FFE9FF

 8E4787

 742E6D

 5A1455

 41003D

 2B0028

 000011

 000000

 E295D8

 E295D8

 E27ED5

 E2ACDB

 E268D2

 E2C2DE

 E251CF

 E2D9E1

 E23BCC

 E2EFE4

 E224C9

 E2FFE7

 E20DC6

 E2FFEA

 E200C5

 E2FFED

 E2FFEF

 E2FFF2

Harmonies

Analogous

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



B3A4F6



E295D8



FA8DB0

Triad

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



E295D8



C8AC5B



00C3D7

Complementary

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



E295D8



95E29F

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.



16C4AE



E295D8



9EB866

Square

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



E295D8



E99E68



6BC084



00BDF5

Rectangle

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



E295D8



FD8F94



6BC084



00C4CA

Sweetspot

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



E295D8



FFE6FC



9E95E2



80707E



000000



808080

Same Dimension

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



E295D8



FF96F1



E295B3



70656F



B00099



30002A

Inverse Universe

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



E295D8



FF96F1



95E2C4



70656F



B00099



30002A

Previews

White Background



This preview shows how the Hex color E295D8 looks on a white background.

Color Contrast Check

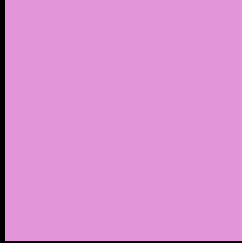
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color E295D8 looks on a 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 E295D8 Background



This preview shows how black text looks on a background with the Hex color E295D8.

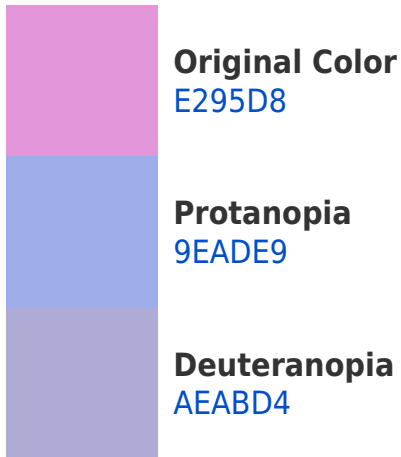


This preview shows how white text looks on a background with the Hex color E295D8.

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
DC9EAA

Trichromacy



Original Color
E295D8



Protanomaly
B7A4E3



Deuteranomaly
C1A3D5

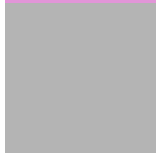


Tritanomaly
DE9BBB

Monochromacy



Original Color
E295D8



Achromatopsia
B4B4B4



Achromatomaly
C5A9C1

CSS Examples

Text

The CSS property to change the color of the text to Hex E295D8 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 #E295D8 looks like.

```
.text, #text, p{  
    color:#E295D8  
}
```

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 #E295D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E295D8
}
```

Border

The CSS property to change the border of an element to Hex E295D8 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
#E295D8 }
```

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

```
.border{ border-color:#E295D8 }
```

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

Here you see how a box with a 4 pixel #E295D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E295D8; -webkit-box-shadow:4px 4px  
4px 4px #E295D8; box-shadow:4px 4px 4px  
4px #E295D8 }
```

Background

The CSS property to change the background color of an element to Hex E295D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E295D8 }
```

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

```
.background{ background-color:#E295D8 }
```

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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