

# Converting Colors

Hex(E2878F)

Have a look what the booklet for  
Hex(E2878F) contains.

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# **Color**

**Hex(E2878F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2878F
RGB	226, 135, 143
RGB Percent	89%, 53%, 56%
CMY	0.1137, 0.4706, 0.4392
CMYK	0.00, 0.40, 0.37, 0.11
HSL	355°, 61%, 71%
HSV	355°, 40%, 89%
XYZ	44.9859, 35.4799, 30.4639
YIQ	163.1210, 51.6680, 21.7800

# Conversions

## Conversions Part 2

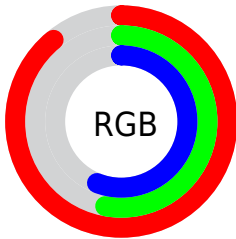
Format	Color
R <sub>Y</sub> B	226, 135, 143
Decimal	14845839
CIE Lab	66.12, 35.69, 10.78
CIE LCh	66, 37.281, 16.804
Yxy	35.4799, 0.4055, 0.3198
Android (android.graphics.Color)	4293035919 (0xFFE2878F)
YUV	163.1210, -9.9197, 55.1449
Hunter-Lab	59.5650, 30.5718, 11.3722

# Details

The Hex color **E2878F** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87E2DA**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFBDC5**, and **A8535D** is the 20% darker color. If you saturate the color by 10%, you get **E2707A**, and if you desaturate by 10%, it is **E29EA4**.

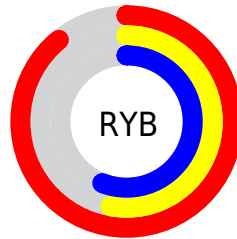
# Distribution



Red (89%)

Green (53%)

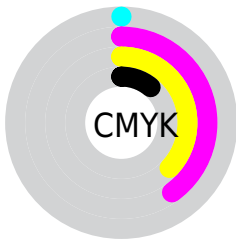
Blue (56%)



Red (89%)

Yellow (53%)

Blue (56%)

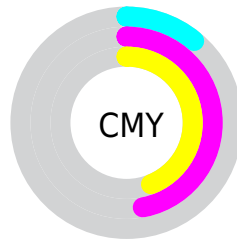


Cyan (0%)

Magenta (40%)

Yellow (37%)

Black (11%)



Cyan (11%)

Magenta (47%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2878F 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 E2878F by changing the saturation by 10% instead.




 E2878F

 E2878F

FFFFFF

 C56D75

 FFBDC5

 A8535D

 FFDAE1

 8C3A45

 FFF6FD

 70222F

 55051B

 3C0000

 210001

 000000

 E2878F

 E2878F

 E2707A

 E29EA4

 E25A66

 E2B4B8

 E24351

 E2CBCD

 E22D3D

 E2E1E1

 E21628

 E2F8F6

 E20014

 E2FFFF

# Harmonies

## Analogous

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



D888B1



E2878F



DA8E71

# Triad

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



E2878F



7EAD72



54A8E1

# Complementary

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



E2878F



87E2DA

# 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.



05B0D0



E2878F



52B290

# Square

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



E2878F



A4A55F



18B2B3



8E9DE1

# Rectangle

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



E2878F



CC9664



18B2B3



3EABDD



# Sweetspot

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



E2878F



FFE0E3



D987E2



806E6F



000000



808080



# Same Dimension

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



E2878F



FF858F



E2AB87



706566



B0000F



300004



# Inverse Universe

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



E2878F



FF858F



87BEE2



706566



B0000F



300004



# Previews

## White Background



This preview shows how the Hex color E2878F 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 E2878F Background



This preview shows how black text looks on a background with the Hex color E2878F.

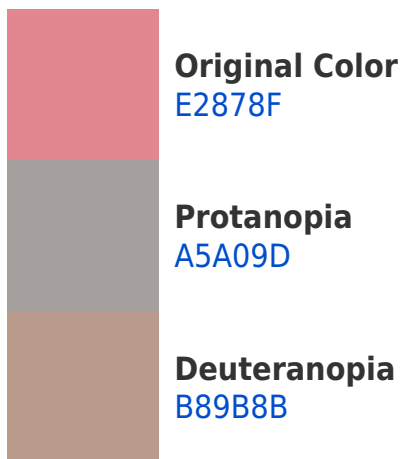


This preview shows how white text looks on a background with the Hex color E2878F.

# 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](#).

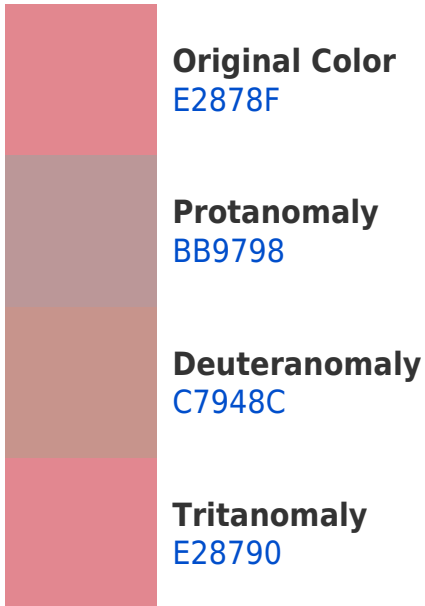
## Dichromacy



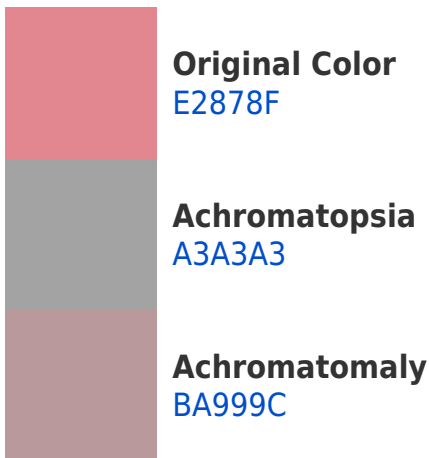


**Tritanopia**  
E28791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2878F 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 #E2878F looks like.

```
.text, #text, p{  
    color:#E2878F  
}
```

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 #E2878F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2878F
}
```

## Border

The CSS property to change the border of an element to Hex E2878F is called "border". The border property can be set on classes, ids or directly on the HTML element.

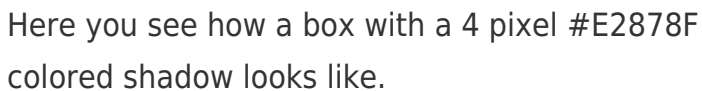
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E2878F }
```

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

```
.border{ border-color:#E2878F }
```

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



Here you see how a box with a 4 pixel #E2878F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2878F; -webkit-box-shadow:4px 4px  
4px 4px #E2878F; box-shadow:4px 4px 4px  
4px #E2878F }
```

# Background

The CSS property to change the background color of an element to Hex E2878F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2878F }
```

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

```
.background{ background-color:#E2878F }
```

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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