

# Converting Colors

Hex(E2828E)

Have a look what the booklet for  
Hex(E2828E) contains.

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# **Color**

**Hex(E2828E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2828E
RGB	226, 130, 142
RGB Percent	89%, 51%, 56%
CMY	0.1137, 0.4902, 0.4431
CMYK	0.00, 0.42, 0.37, 0.11
HSL	352°, 62%, 70%
HSV	352°, 42%, 89%
XYZ	44.2291, 34.0870, 29.8395
YIQ	160.0720, 53.3640, 24.0840

# Conversions

## Conversions Part 2

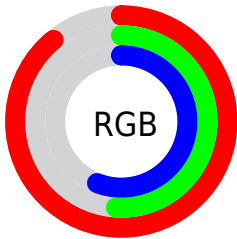
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">226, 130, 142</a>
Decimal	<a href="#">14844558</a>
CIELab	<a href="#">65.03, 38.19, 9.80</a>
CIELCh	<a href="#">65, 39.423, 14.394</a>
Yxy	<a href="#">34.0870, 0.4089, 0.3152</a>
Android (android.graphics.Color)	<a href="#">4293034638 (0xFFE2828E)</a>
YUV	<a href="#">160.0720, -8.9095, 57.8189</a>
Hunter-Lab	<a href="#">58.3841, 33.0514, 10.5663</a>

# Details

The Hex color **E2828E** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82E2D6**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFB8C4**, and **A84E5C** is the 20% darker color. If you saturate the color by 10%, you get **E26B7A**, and if you desaturate by 10%, it is **E299A2**.

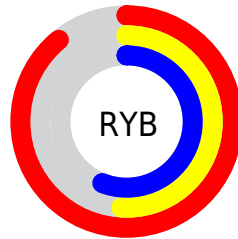
# Distribution



Red (89%)

Green (51%)

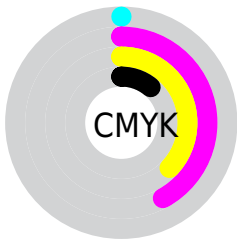
Blue (56%)



Red (89%)

Yellow (51%)

Blue (56%)

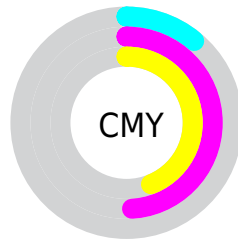


Cyan (0%)

Magenta (42%)

Yellow (37%)

Black (11%)



Cyan (11%)

Magenta (49%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2828E 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 E2828E by changing the saturation by 10% instead.



 E2828E

 E2828E

FFFFFF

 C56874

 FFB8C4

 A84E5C

 FFD5DF

 8C3545

 FFF1FC

 701B2E

 55001A

 3B0000

 1E0001

 000000

 E2828E

 E2828E

 E26B7A

 E299A2

 E25566

 E2AFB6

 E23E53

 E2C6C9

 E2283F

 E2DCDD

 E2112B

 E2F3F1

 E2001C

 E2FFFF

# Harmonies

## Analogous

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



D784B2



E2828E



DB896E

# Triad

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



E2828E



7CAA6A



41A7E1

# Complementary

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



E2828E



82E2D6

# 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.



00AECE



E2828E



4DAF8A

# Square

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



E2828E



A4A158



00B0AE



859CE2

# Rectangle

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



E2828E



CD915F



00B0AE



20AADD



# Sweetspot

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



E2828E



FFDEE2



D582E2



806B6E



000000



808080



# Same Dimension

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



E2828E



FF7D8D



E2A582



706566



B00016



300006



# Inverse Universe

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



E2828E



FF7D8D



82BFE2



706566



B00016

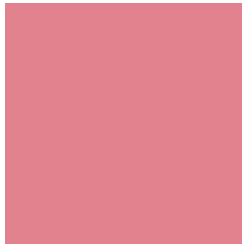


300006



# Previews

## White Background



This preview shows how the Hex color E2828E looks on a white background.

## Color Contrast Check

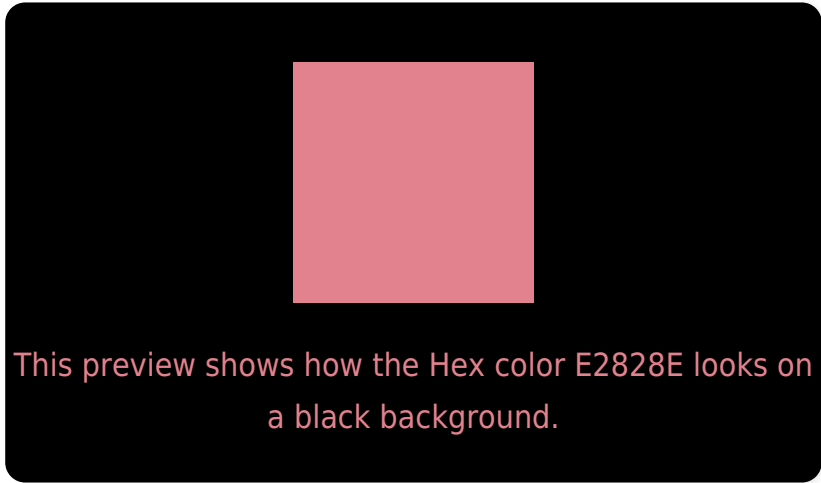
Large Text (above 18pt) WCAG AA × Fail

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 E2828E Background



This preview shows how black text looks on a background with the Hex color E2828E.




This preview shows how white text looks on a background with the Hex color E2828E.

# 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](#).

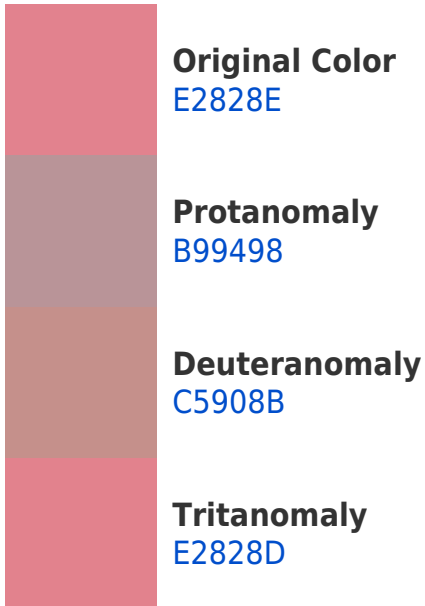
## Dichromacy



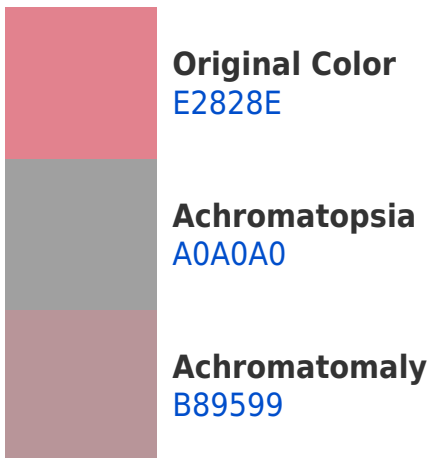


**Tritanopia**  
E2828C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2828E 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 #E2828E looks like.

```
.text, #text, p{  
    color:#E2828E  
}
```

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 #E2828E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2828E
}
```

## Border

The CSS property to change the border of an element to Hex E2828E is called "border". The border property can be set on classes, ids or directly on the HTML element.

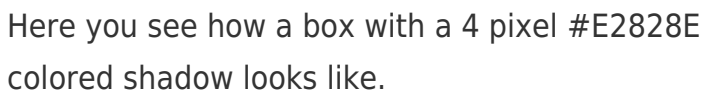
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E2828E }
```

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

```
.border{ border-color:#E2828E }
```

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



Here you see how a box with a 4 pixel #E2828E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2828E; -webkit-box-shadow:4px 4px  
4px 4px #E2828E; box-shadow:4px 4px 4px  
4px #E2828E }
```

# Background

The CSS property to change the background color of an element to Hex E2828E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2828E }
```

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

```
.background{ background-color:#E2828E }
```

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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