

# Converting Colors

Hex(E28EC2)

Have a look what the booklet for  
Hex(E28EC2) contains.

<b>Hex(E28EC2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(E28EC2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E28EC2
RGB	226, 142, 194
RGB Percent	89%, 56%, 76%
CMY	0.1137, 0.4431, 0.2392
CMYK	0.00, 0.37, 0.14, 0.11
HSL	323°, 59%, 72%
HSV	323°, 37%, 89%
XYZ	50.7746, 39.4098, 55.9697
YIQ	173.0440, 33.3720, 33.9800

# Conversions

## Conversions Part 2

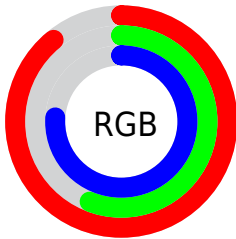
Format	Color
<a href="#">RYB</a>	<a href="#">226, 142, 194</a>
Decimal	<a href="#">14847682</a>
CIELab	<a href="#">69.05, 39.12, -13.58</a>
CIELCh	<a href="#">69, 41.409, 340.857</a>
Yxy	<a href="#">39.4098, 0.3474, 0.2696</a>
Android (android.graphics.Color)	<a href="#">4293037762</a> (0xFFE28EC2)
YUV	<a href="#">173.0440, 10.3313, 46.4424</a>
Hunter-Lab	<a href="#">62.7772, 34.5119, -8.9165</a>

# Details

The Hex color **E28EC2** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8EE2AE**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFC5FB**, and **A95A8C** is the 20% darker color. If you saturate the color by 10%, you get **E277B9**, and if you desaturate by 10%, it is **E2A5CB**.

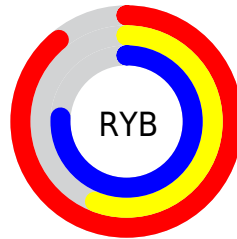
# Distribution



Red (89%)

Green (56%)

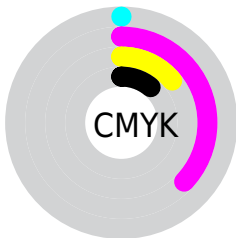
Blue (76%)



Red (89%)

Yellow (56%)

Blue (76%)

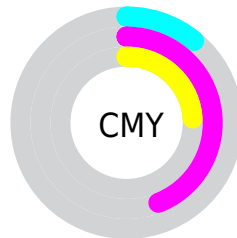


Cyan (0%)

Magenta (37%)

Yellow (14%)

Black (11%)



Cyan (11%)

Magenta (44%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E28EC2 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 E28EC2 by changing the saturation by 10% instead.



 E28EC2

 E28EC2

FFFFFF

 C574A7

 FFC5FB

 A95A8C

 FFE1FF

 8E4173

FFFEFF

 73275A

 590B43

 40002C

 2A0018

 000000

 E28EC2

 E28EC2

 E277B9

 E2A5CB

 E261B1

 E2BBD3

 E24AA8

 E2D2DC

 E234A0

 E2E8E4

 E21D97

 E2FFED

 E2068E

 E2FFF6

 E2008C

 E2FFFE

 E2FFFF

# Harmonies

## Analogous

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



BE9AE1



E28EC2



F18B9C

# Triad

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



E28EC2



B3AB5D



00BAD8

# Complementary

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



E28EC2



8EE2AE

# 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.



00BCB5



E28EC2



8AB56E

# Square

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



E28EC2



D59E62



59BA8F



3BB3EF

# Rectangle

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



E28EC2



EF8E84



59BA8F



00BBCE



# Sweetspot

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



E28EC2



FFE3F4



AD8EE2



806F79



000000



808080



# Same Dimension

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



E28EC2



FF8CD3



E28E99



70656C



B0006D



30001E



# Inverse Universe

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



E28EC2



FF8CD3



8EE2D7



70656C



B0006D

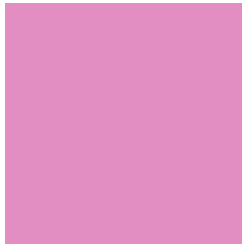


30001E



# Previews

## White Background



This preview shows how the Hex color E28EC2 looks on a white background.

## Color Contrast Check

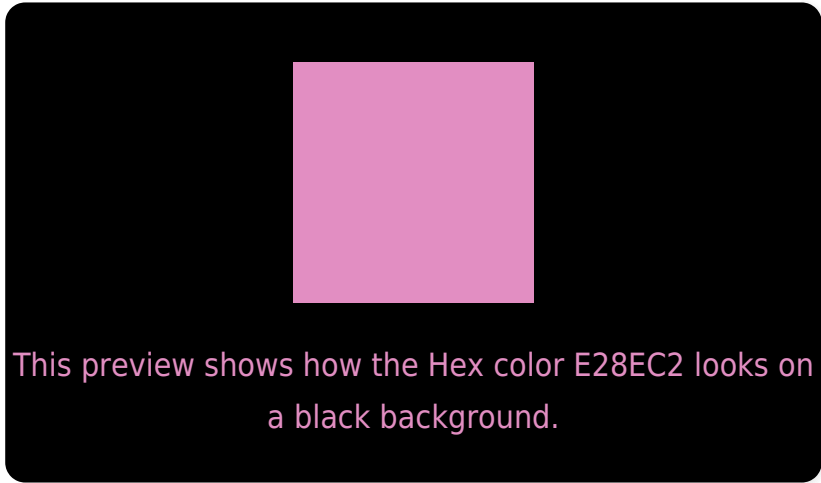
Large Text (above 18pt) WCAG AA × Fail

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 E28EC2 Background



This preview shows how black text looks on a background with the Hex color E28EC2.

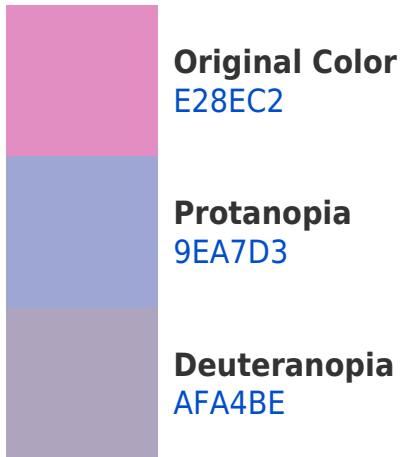


This preview shows how white text looks on a background with the Hex color E28EC2.

# 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](#).

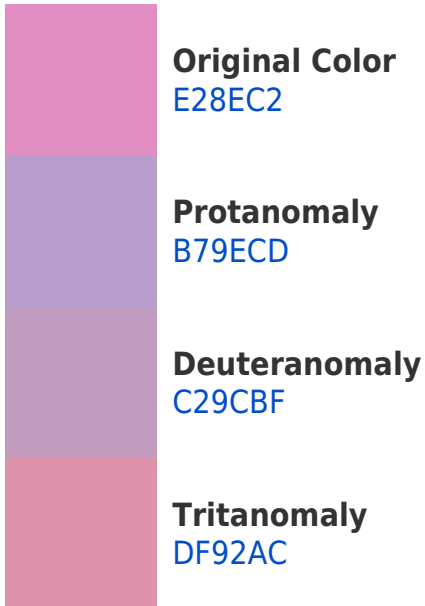
## Dichromacy



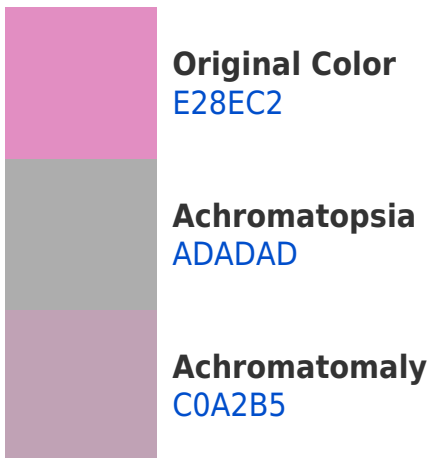


**Tritanopia**  
DE94A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E28EC2 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 #E28EC2 looks like.

```
.text, #text, p{  
    color:#E28EC2  
}
```

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 #E28EC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E28EC2
}
```

## Border

The CSS property to change the border of an element to Hex E28EC2 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
#E28EC2 }
```

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

```
.border{ border-color:#E28EC2 }
```

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

Here you see how a box with a 4 pixel #E28EC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E28EC2; -webkit-box-shadow:4px 4px  
4px 4px #E28EC2; box-shadow:4px 4px 4px  
4px #E28EC2 }
```

# Background

The CSS property to change the background color of an element to Hex E28EC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E28EC2 }
```

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

```
.background{ background-color:#E28EC2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor