

# Converting Colors

Hex(E293E2)

Have a look what the booklet for  
Hex(E293E2) contains.

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# Color

**Hex(E293E2)**

# Conversions

Conversions Part 1	
Format	Color
Hex	E293E2
RGB	226, 147, 226
RGB Percent	89%, 58%, 89%
CMY	0.1137, 0.4235, 0.1137
CMYK	0.00, 0.35, 0.00, 0.11
HSL	300°, 58%, 73%
HSV	300°, 35%, 89%
XYZ	55.5252, 42.5272, 77.2336
YIQ	179.6270, 21.7250, 41.3170

# Conversions

## Conversions Part 2

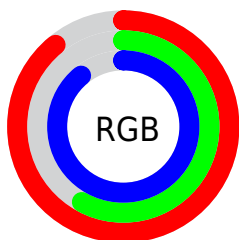
Format	Color
<a href="#">RYB</a>	<a href="#">226, 147, 226</a>
Decimal	<a href="#">14848994</a>
CIELab	<a href="#">71.23, 41.97, -27.96</a>
CIELCh	<a href="#">71, 50.437, 326.328</a>
Yxy	<a href="#">42.5272, 0.3168, 0.2426</a>
Android (android.graphics.Color)	<a href="#">4293039074</a> (0xFFE293E2)
YUV	<a href="#">179.6270, 22.8619, 40.6691</a>
Hunter-Lab	<a href="#">65.2129, 37.8606, -24.5699</a>

# Details

The Hex color **E293E2** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **93E293**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFCAFF**, and **A95EAA** is the 20% darker color. If you saturate the color by 10%, you get **E27CE2**, and if you desaturate by 10%, it is **E2AAE2**.

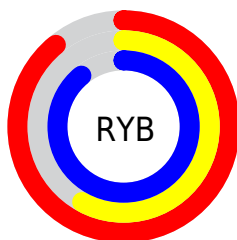
# Distribution



Red (89%)

Green (58%)

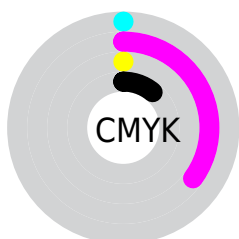
Blue (89%)



Red (89%)

Yellow (58%)

Blue (89%)

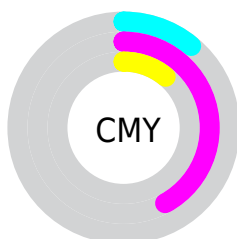


Cyan (0%)

Magenta (35%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (42%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E293E2 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 E293E2 by changing the saturation by 10% instead.



 E293E2

FFFFFF

 FFCAFF

 FFE7FF

 E293E2

 C578C6

 A95EAA

 8E4590

 732C76

 59105D

 400045

 2A002F

 000019

 000000

 E293E2

 E293E2

 E27CE2

 E2AAE2

 E266E2

 E2C0E2

 E24FE2

 E2D7E2

 E239E2

 E2EDE2

 E222E2

 E2FFE2

 E20BE2

 E200E2

# Harmonies

## Analogous

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



A9A5FF



E293E2



FF88B6

# Triad

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



E293E2



CFAA50



00C5D6

# Complementary

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



E293E2



93E293

# 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.



00C5A7



E293E2



A1B859

# Square

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



E293E2



F29963



69C17A



00C0FA

# Rectangle

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



E293E2



FF8997



69C17A



00C6C7



# Sweetspot

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



E293E2



FFE6FF



9393E2



807080



000000



808080



# Same Dimension

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



E293E2



FF94FF



E293BB



706570



B000B0



300030



# Inverse Universe

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



E293E2



FF94FF



93E2BB



706570



B000B0



300030



# Previews

## White Background



This preview shows how the Hex color E293E2 looks on a white background.

## Color Contrast Check

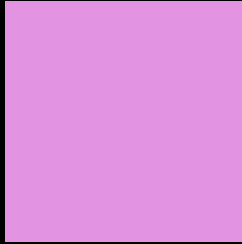
Large Text (above 18pt) WCAG AA × Fail

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 E293E2 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 E293E2 Background



This preview shows how black text looks on a background with the Hex color E293E2.

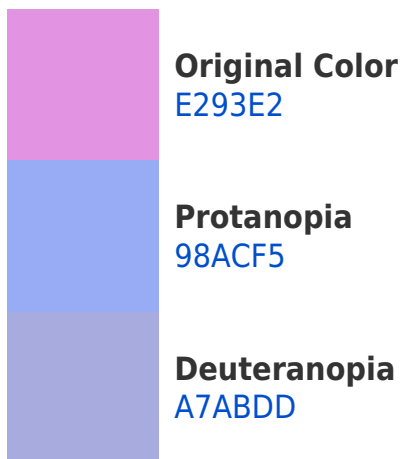


This preview shows how white text looks on a background with the Hex color E293E2.

# 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**  
DB9EAA

# Trichromacy



**Original Color**

E293E2



**Protanomaly**

B3A3EE



**Deuteranomaly**

BCA2DF



**Tritanomaly**

DE9ABE

# Monochromacy



**Original Color**

E293E2



**Achromatopsia**

B4B4B4



**Achromatomaly**

C5A8C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E293E2 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 #E293E2 looks like.

```
.text, #text, p{  
    color:#E293E2  
}
```

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 #E293E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E293E2
}
```

## Border

The CSS property to change the border of an element to Hex E293E2 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
#E293E2 }
```

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

```
.border{ border-color:#E293E2 }
```

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

Here you see how a box with a 4 pixel #E293E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E293E2; -webkit-box-shadow:4px 4px  
4px 4px #E293E2; box-shadow:4px 4px 4px  
4px #E293E2 }
```

# Background

The CSS property to change the background color of an element to Hex E293E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E293E2 }
```

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

```
.background{ background-color:#E293E2 }
```

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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