

# Converting Colors

Hex(E8E5EC)

Have a look what the booklet for  
Hex(E8E5EC) contains.

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# **Color**

**Hex(E8E5EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8E5EC
RGB	232, 229, 236
RGB Percent	91%, 90%, 93%
CMY	0.0902, 0.1020, 0.0745
CMYK	0.02, 0.03, 0.00, 0.07
HSL	266°, 16%, 91%
HSV	266°, 3%, 93%
XYZ	76.4383, 79.2506, 90.6250
YIQ	230.6950, -0.4590, 2.8130

# Conversions

## Conversions Part 2

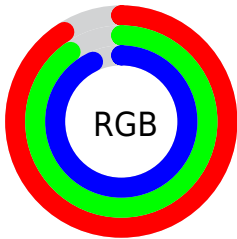
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">232, 229, 236</a>
Decimal	<a href="#">15263212</a>
CIELab	<a href="#">91.35, 2.27, -3.05</a>
CIELCh	<a href="#">91, 3.800, 306.647</a>
Yxy	<a href="#">79.2506, 0.3103, 0.3217</a>
Android (android.graphics.Color)	<a href="#">4293453292</a> ( <a href="#">0xFFE8E5EC</a> )
YUV	<a href="#">230.6950, 2.6154, 1.1445</a>
Hunter-Lab	<a href="#">89.0228, -2.5230, 1.9588</a>

# Details

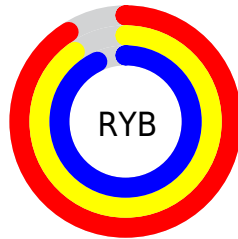
The Hex color **E8E5EC** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **E9ECE5**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFFFF**, and **B0AEB4** is the 20% darker color. If you saturate the color by 10%, you get **DBCDEC**, and if you desaturate by 10%, it is **F5FDEC**.

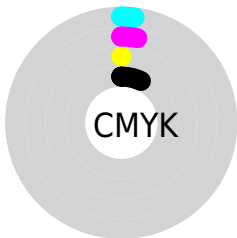
# Distribution



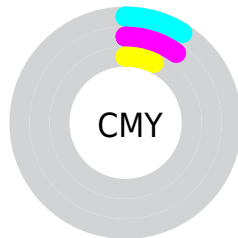
- Red (91%)
- Green (90%)
- Blue (93%)



- Red (91%)
- Yellow (90%)
- Blue (93%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (9%)
- Magenta (10%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8E5EC 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 E8E5EC by changing the saturation by 10% instead.



 E8E5EC

FFFFFF

 E8E5EC

 CCC9D0

 B0AEB4

 969399

 7C7980

 636167

 4B494F

 353238

 1F1D22

 07030C

 E8E5EC

 E8E5EC

 DBCDEC

 F5FDEC

 CDB6EC

 FFFFEC

 C09EEC

 B287EC

 A56FEC

 9757EC

 8A40EC

 7C28EC

 6F11EC

# Harmonies

## Analogous

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



E4E6ED



E8E5EC



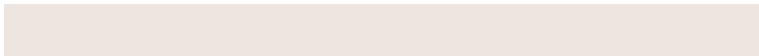
ECE4E9

# Triad

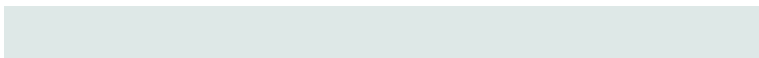
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E8E5EC



ECE5E0



DEE8E7

# Complementary

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



E8E5EC



E9ECE5

# Split Complementary

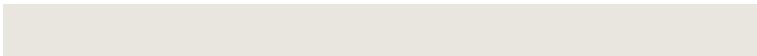
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E0E8E3



E8E5EC



E9E6DF

# Square

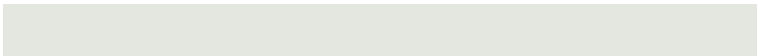
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



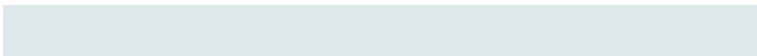
E8E5EC



EEE4E2



E4E7E0



DEE8EA

# Rectangle

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



E8E5EC



EEE4E7



E4E7E0



DFE8E6



# Sweetspot

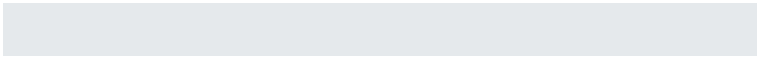
The Sweet Spot groups the original color and five complimentary colors.



E8E5EC



FEFCFF



E5E9EC



7F7E80



000000



808080



# Same Dimension

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



E8E5EC



F9F5FF



EBE5EC



726F75



4E00B5



170036



# Inverse Universe

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



ECE5E9



FFF5FB



E6ECE5



756F73



B50067

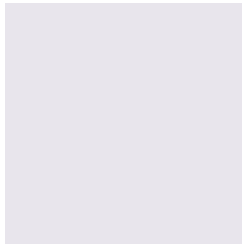


36001F



# Previews

## White Background



This preview shows how the Hex color E8E5EC looks on a white background.

## Color Contrast Check

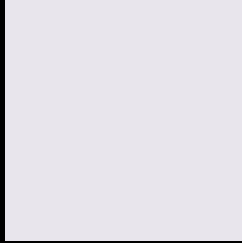
Large Text (above 18pt) WCAG AA × Fail

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 E8E5EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

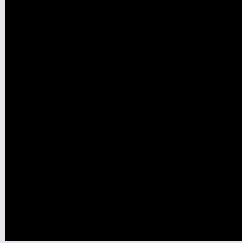
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

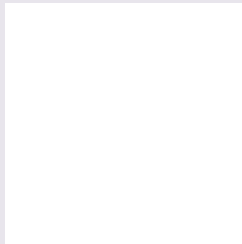
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E8E5EC Background



This preview shows how black text looks on a background with the Hex color E8E5EC.



This preview shows how white text looks on a background with the Hex color E8E5EC.

# 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](#).

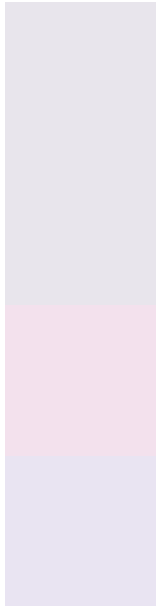
## Dichromacy





**Tritanopia**  
E9E4F5

# Trichromacy



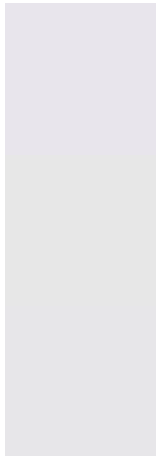
**Original Color**  
E8E5EC

**Protanomaly**  
E8E5EC

**Deuteranomaly**  
F3E1ED

**Tritanomaly**  
E9E4F2

# Monochromacy



**Original Color**  
E8E5EC

**Achromatopsia**  
E7E7E7

**Achromatomaly**  
E7E6E9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8E5EC 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 #E8E5EC looks like.

```
.text, #text, p{  
    color:#E8E5EC  
}
```

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 #E8E5EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8E5EC
}
```

## Border

The CSS property to change the border of an element to Hex E8E5EC 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
#E8E5EC }
```

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

```
.border{ border-color:#E8E5EC }
```

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

Here you see how a box with a 4 pixel #E8E5EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8E5EC; -webkit-box-shadow:4px 4px  
4px 4px #E8E5EC; box-shadow:4px 4px 4px  
4px #E8E5EC }
```

# Background

The CSS property to change the background color of an element to Hex E8E5EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8E5EC }
```

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

```
.background{ background-color:#E8E5EC }
```

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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