

# Converting Colors

Hex(EAEC E3)

Have a look what the booklet for  
Hex(EAECE3) contains.

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# **Color**

**Hex(EAEC E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAECE3
RGB	234, 236, 227
RGB Percent	92%, 93%, 89%
CMY	0.0824, 0.0745, 0.1098
CMYK	0.01, 0.00, 0.04, 0.07
HSL	73°, 19%, 91%
HSV	73°, 4%, 93%
XYZ	77.7923, 83.0294, 84.5992
YIQ	234.3760, 1.6970, -3.2230

# Conversions

## Conversions Part 2

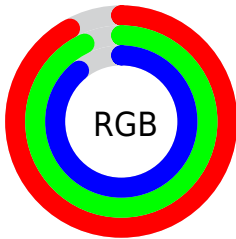
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 236, 229
Decimal	15396067
CIE <sub>Lab</sub>	93.03, -2.24, 4.11
CIE <sub>LCh</sub>	93, 4.685, 118.606
Yxy	83.0294, 0.3170, 0.3383
Android (android.graphics.Color)	4293586147 (0xFFEAECE3)
YUV	234.3760, -3.6364, -0.3298
Hunter-Lab	91.1205, -7.0700, 8.7375

# Details

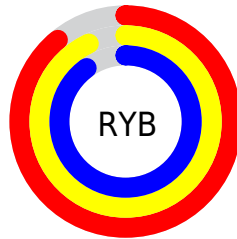
The Hex color **EAECE3** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **E5E3EC**, and the grayscale version is **EAEAEA**.

A 20% lighter version of the original color is **FFFFFF**, and **B2B4AC** is the 20% darker color. If you saturate the color by 10%, you get **E5ECCB**, and if you desaturate by 10%, it is **EFECFB**.

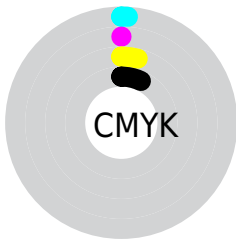
# Distribution



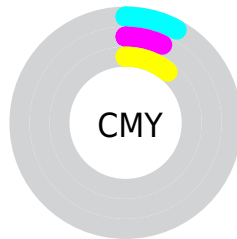
- Red (92%)
- Green (93%)
- Blue (89%)



- Red (89%)
- Yellow (93%)
- Blue (90%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAECE3 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 EAECE3 by changing the saturation by 10% instead.



■ EAECE3

FFFFFF

■ EAECE3

■ CED0C7

■ B2B4AC

■ 989991

■ 7E8077

■ 65675F

■ 4D4F47

■ 363831

■ 21221C

■ 0A0C01

 EAEC3

 EAEC3

 E5ECB

 EFECFB

 E0ECB4

 F4ECFF

 DAEC9C

 FAECFF

 D5EC85

 FFECFF

 D0EC6D

 CBEC55

 C5EC3E

 C0EC26

 BBEC0F

# Harmonies

## Analogous

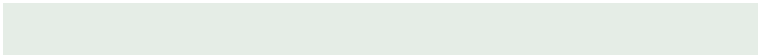
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EFEBE2



EAECE3



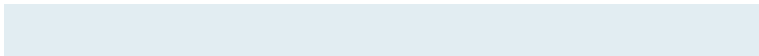
E5EDE6

# Triad

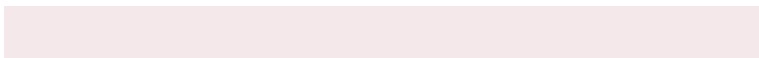
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EAECE3



E2EDF2



F4E8EB

# Complementary

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



EAECE3



E5E3EC

# 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.



F1E9F0



EAECE3



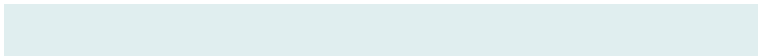
E6EBF4

# Square

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



EAECE3



E0EEEF



ECEAF3



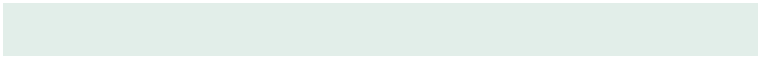
F5E8E7

# Rectangle

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



EAECE3



E2EEE9



ECEAF3



F3E8ED



# Sweetspot

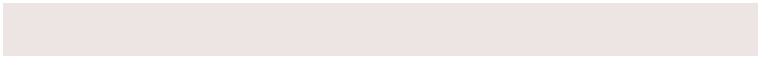
The Sweet Spot groups the original color and five complimentary colors.



EAECE3



FEFFFC



ECE5E3



7F807E



000000



808080



# Same Dimension

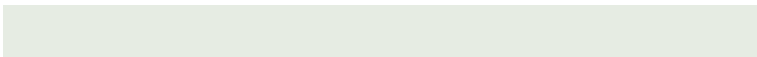
The Same Dimension uses a secret algorithm to generate beautiful new colors.



EAECE3



FCFFF2



E6ECE3



74756E



8DB500



2A3600



# Inverse Universe

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



E5E3EC



F5F2FF



E9E3EC



706E75



2800B5

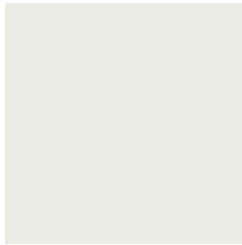


0C0036



# Previews

## White Background



This preview shows how the Hex color EAECE3 looks on a white background.

## Color Contrast Check

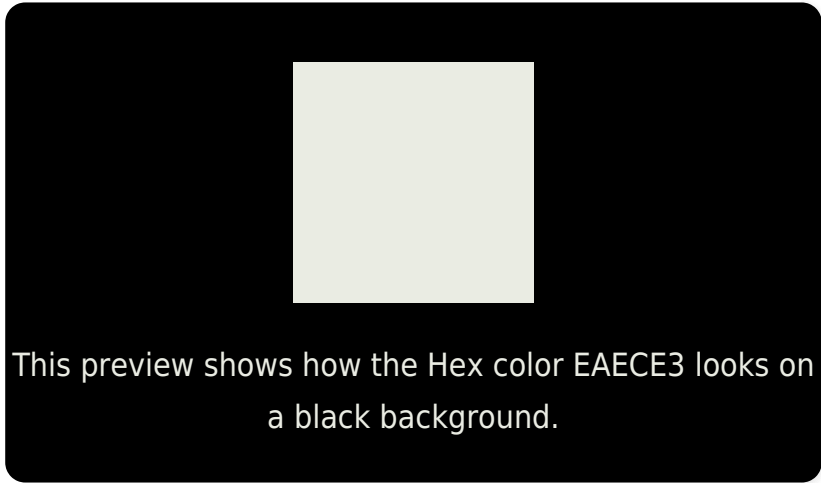
Large Text (above 18pt) WCAG AA × Fail

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

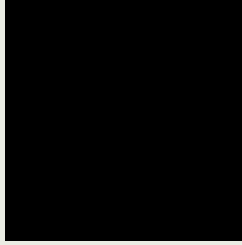
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

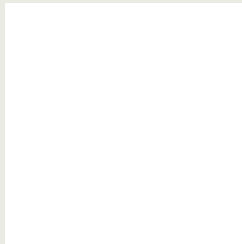
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EAECE3 Background



This preview shows how black text looks on a background with the Hex color EAECE3.

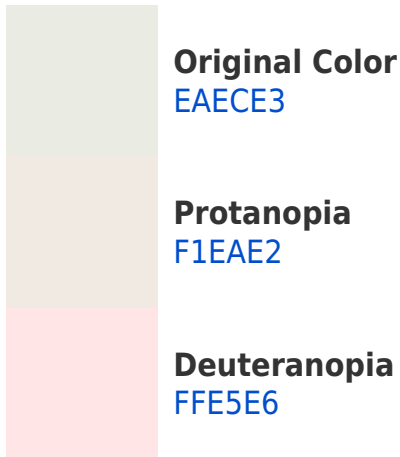


This preview shows how white text looks on a background with the Hex color EAECE3.

# 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](#).

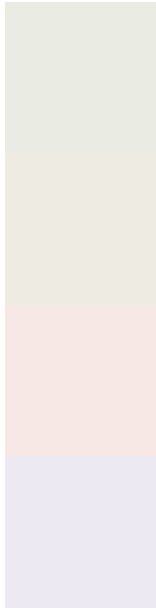
## Dichromacy





**Tritanopia**  
EEE8FB

# Trichromacy



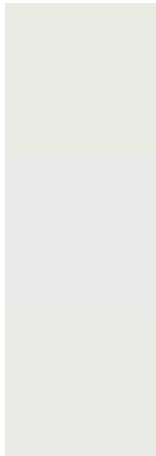
**Original Color**  
EAECE3

**Protanomaly**  
EEEBE2

**Deuteranomaly**  
F7E8E5

**Tritanomaly**  
EDE9F2

# Monochromacy



**Original Color**  
EAECE3

**Achromatopsia**  
EAEAEA

**Achromatomaly**  
EAEBE7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAECE3 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 #EAECE3 looks like.

```
.text, #text, p{  
    color:#EAECE3  
}
```

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 #EAECE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAECE3  
}
```

## Border

The CSS property to change the border of an element to Hex EAECE3 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  
#EAECE3 }
```

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

```
.border{ border-color:#EAECE3 }
```

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

Here you see how a box with a 4 pixel #EAECE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAECE3; -webkit-box-shadow:4px 4px  
4px 4px #EAECE3; box-shadow:4px 4px 4px  
4px #EAECE3 }
```

# Background

The CSS property to change the background color of an element to Hex EAECE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAECE3 }
```

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

```
.background{ background-color:#EAECE3 }
```

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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