

# Converting Colors

Hex(E3E6F2)

Have a look what the booklet for  
Hex(E3E6F2) contains.

|  |    |
|--|----|
| <b>Hex(E3E6F2)</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(E3E6F2)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | E3E6F2                    |
| RGB           | 227, 230, 242             |
| RGB Percent   | 89%, 90%, 95%             |
| CMY           | 0.1098, 0.0980, 0.0510    |
| CMYK          | 0.06, 0.05, 0.00, 0.05    |
| HSL           | 228°, 37%, 92%            |
| HSV           | 228°, 6%, 95%             |
| XYZ           | 76.0024, 79.3353, 95.3119 |
| YIQ           | 230.4710, -5.6400, 3.0960 |

# Conversions

## Conversions Part 2

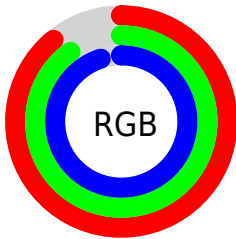
| Format                              | Color                        |
|-------------------------------------|------------------------------|
| R <sub>Y</sub> B                    | 227, 230, 242                |
| Decimal                             | 14935794                     |
| CIE Lab                             | 91.39, 1.22, -6.17           |
| CIE LCh                             | 91, 6.290, 281.159           |
| Yxy                                 | 79.3353, 0.3032,<br>0.3165   |
| Android<br>(android.graphics.Color) | 4293125874<br>(0xFFE3E6F2)   |
| YUV                                 | 230.4710, 5.6838,<br>-3.0441 |
| Hunter-Lab                          | 89.0704, -3.5619,<br>-1.0954 |

# Details

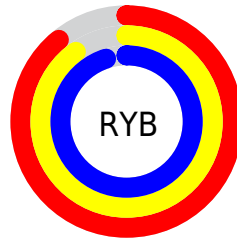
The Hex color **E3E6F2** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F2EFE3**, and the grayscale version is **E6E6E6**.

A 20% lighter version of the original color is **FFFFFF**, and **ACAFBA** is the 20% darker color. If you saturate the color by 10%, you get **CBD3F2**, and if you desaturate by 10%, it is **FBF9F2**.

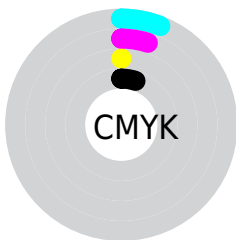
# Distribution



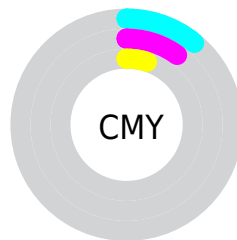
- Red (89%)
- Green (90%)
- Blue (95%)



- Red (89%)
- Yellow (90%)
- Blue (95%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (10%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3E6F2 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 E3E6F2 by changing the saturation by 10% instead.



■ E3E6F2

FFFFFF

■ E3E6F2

■ C7CAD6

■ ACAFBA

■ 91949F

■ 777A85

■ 5F616C

■ 474A53

■ 30333C

■ 1B1E27

■ 010512

 E3E6F2

 E3E6F2

 CBD3F2

 FBF9F2

 B3BFF2

 FFFFF2

 9AACF2

 8299F2

 6A85F2

 5272F2

 3A5EF2

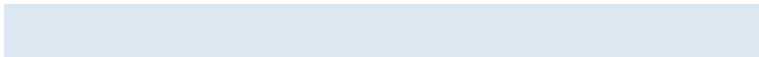
 214BF2

 0938F2

# Harmonies

## Analogous

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



DCE8F1



E3E6F2



EAE4EF

# Triad

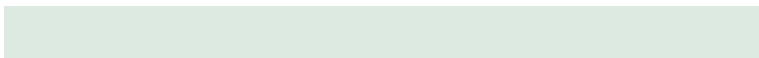
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



E3E6F2



F3E3DF



DCEAE2

# Complementary

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



E3E6F2



F2EFE3

# 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.



E2E8DD



E3E6F2



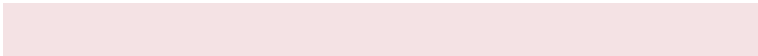
EFE5DB

# Square

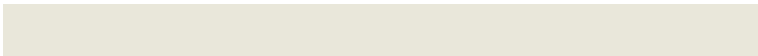
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



E3E6F2



F4E2E4



E9E7DA



D8EAE8

# Rectangle

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



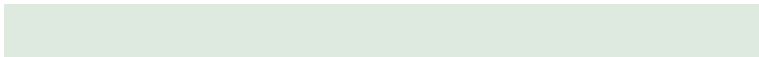
E3E6F2



EFE3EC



E9E7DA



DEE9E0



# Sweetspot

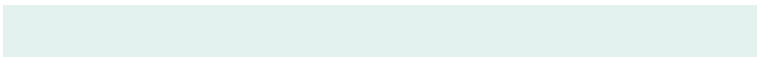
The Sweet Spot groups the original color and five complimentary colors.



E3E6F2



FAFBFF



E3F2EF



7D7D80



000000



808080



# Same Dimension

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



E3E6F2



EDF1FF



E7E3F2



6E7078



0025B8



000B38



# Inverse Universe

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



F2E3E6



FFEDF1



EEF2E3



786E70



B80025

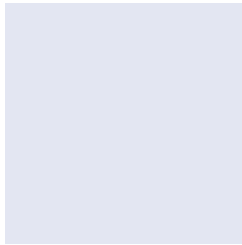


38000B



# Previews

## White Background



This preview shows how the Hex color E3E6F2 looks on a white background.

## Color Contrast Check

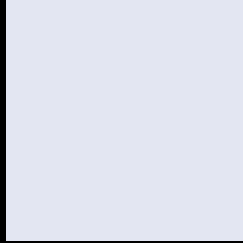
Large Text (above 18pt) WCAG AA × Fail

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 E3E6F2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

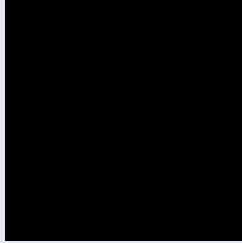
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

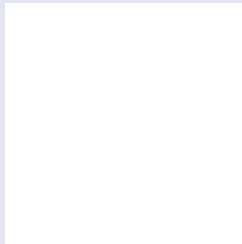
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E3E6F2 Background



This preview shows how black text looks on a background with the Hex color E3E6F2.



This preview shows how white text looks on a background with the Hex color E3E6F2.

# 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](#).

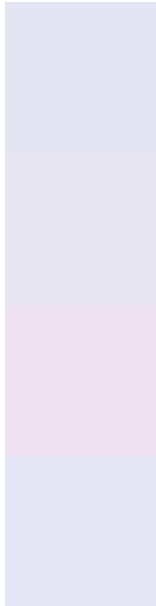
## Dichromacy





**Tritanopia**  
E4E5F7

# Trichromacy



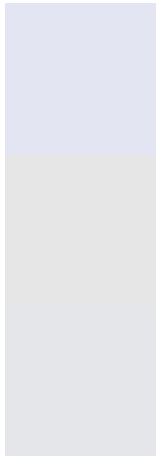
**Original Color**  
E3E6F2

**Protanomaly**  
E6E5F1

**Deuteranomaly**  
EFE2F3

**Tritanomaly**  
E4E5F5

# Monochromacy



**Original Color**  
E3E6F2

**Achromatopsia**  
E6E6E6

**Achromatomaly**  
E5E6EA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3E6F2 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 #E3E6F2 looks like.

```
.text, #text, p{  
    color:#E3E6F2  
}
```

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 #E3E6F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3E6F2
}
```

## Border

The CSS property to change the border of an element to Hex E3E6F2 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
#E3E6F2 }
```

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

```
.border{ border-color:#E3E6F2 }
```

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

Here you see how a box with a 4 pixel #E3E6F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3E6F2; -webkit-box-shadow:4px 4px  
4px 4px #E3E6F2; box-shadow:4px 4px 4px  
4px #E3E6F2 }
```

# Background

The CSS property to change the background color of an element to Hex E3E6F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3E6F2 }
```

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

```
.background{ background-color:#E3E6F2 }
```

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