

Converting Colors

RGB(234, 232, 247)

Have a look what the booklet for
RGB(234, 232, 247) contains.

RGB(234, 232, 247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(234, 232, 247)

Conversions

Conversions Part 1

Format	Color
Hex	EAE8F7
RGB	234, 232, 247
RGB Percent	92%, 91%, 97%
CMY	0.0824, 0.0902, 0.0314
CMYK	0.05, 0.06, 0.00, 0.03
HSL	248°, 48%, 94%
HSV	248°, 6%, 97%
XYZ	79.5768, 81.9211, 99.6139
YIQ	234.3080, -3.6230, 5.0890

Conversions

Conversions Part 2

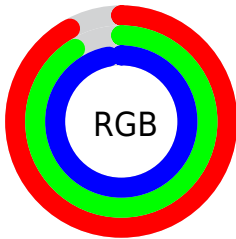
Format	Color
R_{YB}	234, 232, 247
Decimal	15395063
CIE Lab	92.54, 3.41, -7.02
CIE LCh	93, 7.801, 295.893
Yxy	81.9211, 0.3048, 0.3137
Android (android.graphics.Color)	4293585143 (0xFFEAE8F7)
YUV	234.3080, 6.2572, -0.2701
Hunter-Lab	90.5102, -1.4554, -1.8963

Details

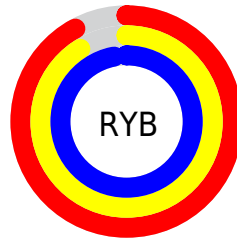
The RGB color `234, 232, 247` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `245, 247, 232`, and the grayscale version is `234, 234, 234`.

A 20% lighter version of the original color is `255, 255, 255`, and `178, 176, 191` is the 20% darker color. If you saturate the color by 10%, you get `213, 207, 247`, and if you desaturate by 10%, it is `255, 255, 247`.

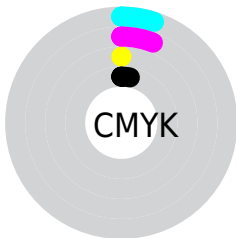
Distribution



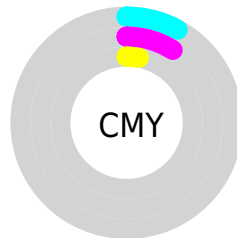
- Red (92%)
- Green (91%)
- Blue (97%)



- Red (92%)
- Yellow (91%)
- Blue (97%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 232, 247 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 RGB color 234, 232, 247 by changing the saturation by 10% instead.

■ 234, 232, 247

255, 255, 255

■ 234, 232, 247

■ 206, 204, 219

■ 178, 176, 191

■ 152, 150, 164

■ 126, 124, 137

■ 101, 99, 112

■ 77, 75, 88

■ 54, 53, 64

■ 33, 31, 42


■ 10, 7, 22


 234, 232, 247


 234, 232, 247


 213, 207, 247

 255, 255, 247

 191, 183, 247

 170, 158, 247


 148, 133, 247

 127, 109, 247

 106, 84, 247

 84, 59, 247

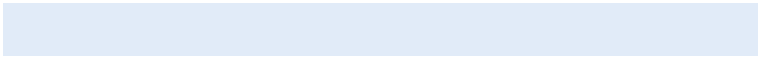
 63, 34, 247

 41, 10, 247

Harmonies

Analogous

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



225, 235, 248



234, 232, 247



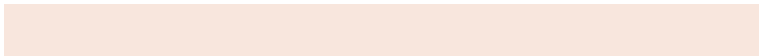
243, 230, 242

Triad

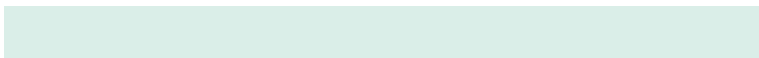
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



234, 232, 247



248, 230, 221



218, 238, 232

Complementary

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



234, 232, 247



245, 247, 232

Split Complementary

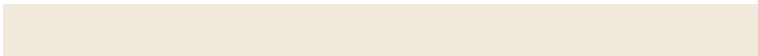
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224, 237, 225



234, 232, 247



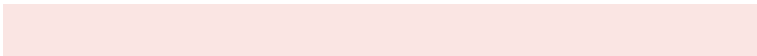
241, 233, 219

Square

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



234, 232, 247



250, 229, 227



233, 235, 220



215, 238, 240

Rectangle

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



234, 232, 247



247, 229, 237



233, 235, 220



220, 238, 230

Sweetspot

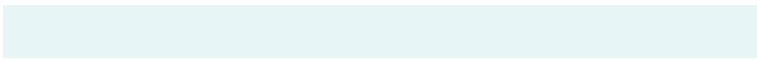
The Sweet Spot groups the original color and five complimentary colors.



234, 232, 247



251, 250, 255



232, 245, 247



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 232, 247



240, 237, 255



242, 232, 247



114, 113, 122



25, 0, 186



8, 0, 59

Inverse Universe

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



247, 232, 245



255, 237, 253



238, 247, 232



122, 113, 121



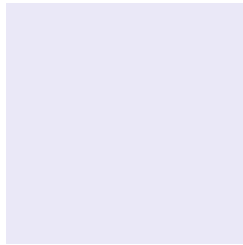
186, 0, 161



59, 0, 51

Previews

White Background



This preview shows how the RGB color 234, 232, 247 looks on a white background.

Color Contrast Check

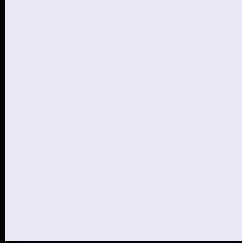
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 234, 232, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

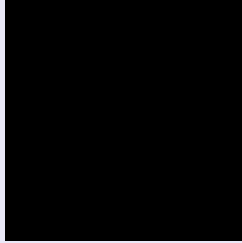
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

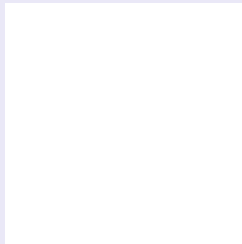
Any Text WCAG AAA ✓ Pass

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

RGB 234, 232, 247 Background



This preview shows how black text looks on a background with the RGB color 234, 232, 247.

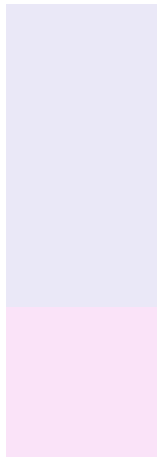


This preview shows how white text looks on a background with the RGB color 234, 232, 247.

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



Original Color
234, 232, 247

Protanopia
234, 232, 247

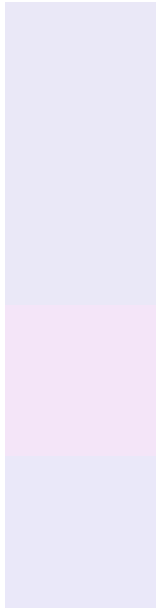
Deuteranopia
250, 227, 248



Tritanopia

234, 232, 250

Trichromacy



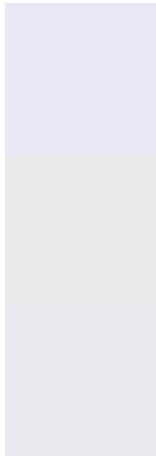
Original Color
234, 232, 247

Protanomaly
234, 232, 247

Deuteranomaly
244, 229, 248

Tritanomaly
234, 232, 249

Monochromacy



Original Color
234, 232, 247

Achromatopsia
234, 234, 234

Achromatomaly
234, 233, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 232, 247 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 rgb(234, 232, 247) looks like.

```
.text, #text, p{  
    color:rgb(234, 232, 247)  
}
```

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 rgb(234, 232, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 232, 247) }
```

Border

The CSS property to change the border of an element to RGB 234, 232, 247 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 rgb(234, 232, 247) }
```

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

```
.border{ border-color:rgb(234, 232, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 232, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 232, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 232, 247);  
box-shadow:4px 4px 4px 4px rgb(234, 232,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 234, 232, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 232, 247) }
```

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

```
.background{ background-color: rgb(234,  
232, 247) }
```

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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