

Converting Colors

RGB(234, 222, 251)

Have a look what the booklet for
RGB(234, 222, 251) contains.

RGB(234, 222, 251)	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, 222, 251)

Conversions

Conversions Part 1

Format	Color
Hex	EADEFB
RGB	234, 222, 251
RGB Percent	92%, 87%, 98%
CMY	0.0824, 0.1294, 0.0157
CMYK	0.07, 0.12, 0.00, 0.02
HSL	265°, 78%, 93%
HSV	265°, 12%, 98%
XYZ	77.4655, 76.7000, 101.9885
YIQ	228.8940, -2.1570, 11.5630

Conversions

Conversions Part 2

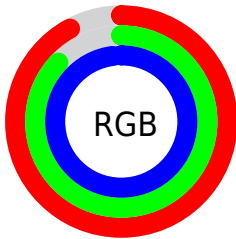
Format	Color
RYB	234, 222, 251
Decimal	15392507
CIELab	90.18, 9.36, -12.61
CIElCh	90, 15.705, 306.581
Yxy	76.7000, 0.3024, 0.2994
Android (android.graphics.Color)	4293582587 (0xFFEADEFB)
YUV	228.8940, 10.8983, 4.4780
Hunter-Lab	87.5785, 4.6255, -7.7404

Details

The RGB color **234, 222, 251** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **239, 251, 222**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **255, 255, 255**, and **178, 167, 194** is the 20% darker color. If you saturate the color by 10%, you get **219, 197, 251**, and if you desaturate by 10%, it is **249, 247, 251**.

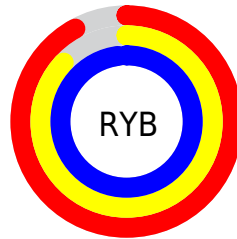
Distribution



Red (92%)

Green (87%)

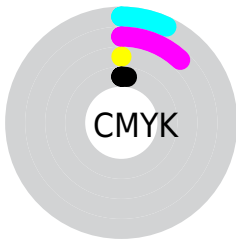
Blue (98%)



Red (92%)

Yellow (87%)

Blue (98%)

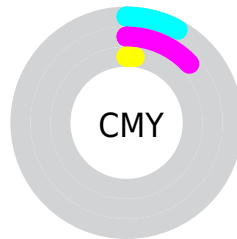


Cyan (7%)

Magenta (12%)

Yellow (0%)

Black (2%)



Cyan (8%)

Magenta (13%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 234, 222, 251 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, 222, 251 by changing the saturation by 10% instead.

■ 234, 222, 251

255, 255, 255

■ 234, 222, 251

■ 206, 194, 222

■ 178, 167, 194

■ 151, 141, 167

■ 125, 115, 141

■ 100, 90, 115

■ 76, 67, 91

■ 53, 45, 67

■ 32, 24, 45

■ 11, 0, 25

■ 234, 222, 251

■ 234, 222, 251

■ 219, 197, 251

■ 249, 247, 251

■ 205, 172, 251

■ 255, 255, 251

■ 190, 147, 251

■ 175, 122, 251

■ 160, 97, 251

■ 146, 71, 251

■ 131, 46, 251

■ 116, 21, 251

■ 104, 0, 251

Harmonies

Analogous

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



215, 227, 255



234, 222, 251



250, 218, 239

Triad

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



234, 222, 251



250, 222, 200



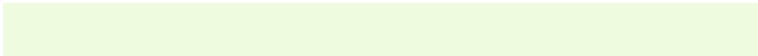
191, 236, 230

Complementary

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



234, 222, 251



239, 251, 222

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.



202, 235, 214



234, 222, 251



236, 227, 197

Square

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



234, 222, 251



255, 218, 210



219, 231, 203



189, 235, 244

Rectangle

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



234, 222, 251



255, 217, 229



219, 231, 203



194, 236, 225

Sweetspot

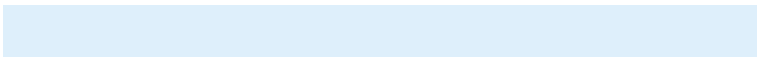
The Sweet Spot groups the original color and five complimentary colors.



234, 222, 251



251, 247, 255



222, 239, 251



125, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



234, 222, 251



234, 219, 255



248, 222, 251



118, 112, 125



78, 0, 189



25, 0, 61

Inverse Universe

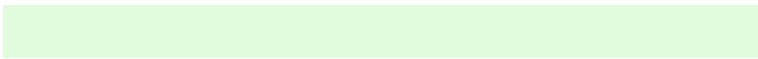
The Inverse Universe completely reimagines the original color for something new.



251, 222, 239



255, 219, 240



225, 251, 222



125, 112, 120



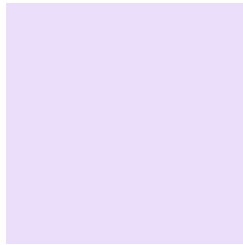
189, 0, 111



61, 0, 36

Previews

White Background



This preview shows how the RGB color 234, 222, 251 looks on a white background.

Color Contrast Check

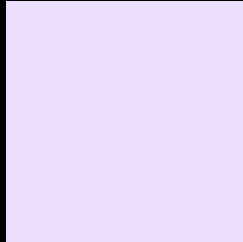
Large Text (above 18pt) WCAG AA × Fail

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, 222, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

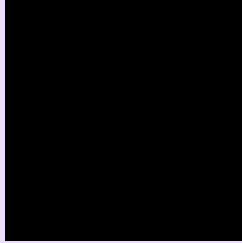
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

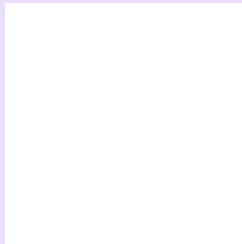
Any Text WCAG AAA ✓ Pass

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

RGB 234, 222, 251 Background



This preview shows how black text looks on a background with the RGB color 234, 222, 251.

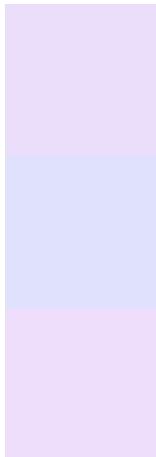


This preview shows how white text looks on a background with the RGB color 234, 222, 251.

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, 222, 251

Protanopia
223, 225, 253

Deuteranopia
238, 221, 251



Tritanopia
232, 224, 241

Trichromacy



Original Color

234, 222, 251

Protanomaly

227, 224, 252

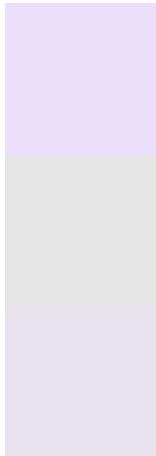
Deuteranomaly

237, 221, 251

Tritanomaly

233, 223, 245

Monochromacy



Original Color

234, 222, 251

Achromatopsia

229, 229, 229

Achromatomaly

231, 226, 237

CSS Examples

Text

The CSS property to change the color of the text to RGB 234, 222, 251 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, 222, 251)` looks like.

```
.text, #text, p{  
    color:rgb(234, 222, 251)  
}
```

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, 222, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 222, 251) }
```

Border

The CSS property to change the border of an element to RGB 234, 222, 251 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, 222, 251) }
```

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

```
.border{ border-color:rgb(234, 222, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 222, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 222, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 222, 251);  
box-shadow:4px 4px 4px 4px rgb(234, 222,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 234, 222, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 222, 251) }
```

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

```
.background{ background-color: rgb(234,  
222, 251) }
```

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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