Converting Colors

RGB(238, 229, 246)

Have a look what the booklet for RGB(238, 229, 246) contains.

Color

RGB(238, 229, 246)

Conversions

Format	Color
Hex	EEE5F6
RGB	238, 229, 246
RGB Percent	93%, 90%, 96%
CMY	0.0667, 0.1020, 0.0353
CMYK	0.03, 0.07, 0.00, 0.04
HSL	272°, 49%, 93%
HSV	272°, 7%, 96%
XYZ	79.9138, 80.8696, 98.5863
YIQ	233.6290, -0.0930, 7.1950

Conversions Part 1

Conversions

Conversions Part 2

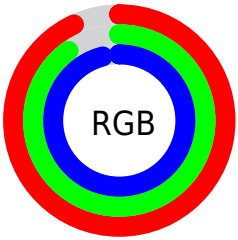
Format	Color
RYB	238, 229, 246
Decimal	15656438
CIELab	92.07, 6.08, -7.15
CIELCh	92, 9.388, 310.374
Yxy	80.8696, 0.3081, 0.3118
Android (android.graphics.Color)	4293846518 (0xFFEEE5F6)
YUV	233.6290, 6.0989, 3.8334
Hunter-Lab	89.9275, 1.2502, -2.0495

Details

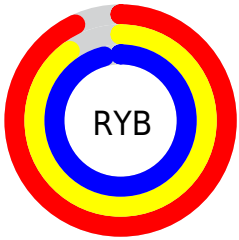
The RGB color 238, 229, 246 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 237, 246, 229, and the grayscale version is 234, 234, 234.

A 20% lighter version of the original color is 255, 255, 255, and 182, 174, 190 is the 20% darker color. If you saturate the color by 10%, you get 226, 204, 246, and if you desaturate by 10%, it is 250, 254, 246.

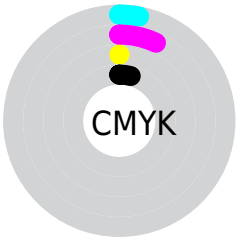
Distribution



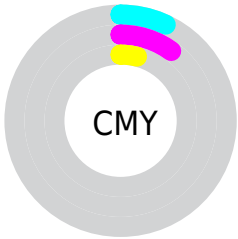
- Red (93%)
- Green (90%)
- Blue (96%)



- Red (93%)
- Yellow (90%)
- Blue (96%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (7%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 238, 229, 246 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 238, 229, 246 by changing the saturation by 10% instead.

238, 229, 246

255, 255, 255

238, 229, 246

210, 201, 218

182, 174, 190

155, 147, 163

129, 121, 136

104, 96, 111

80, 73, 87

57, 50, 63

35, 29, 41

15, 4, 21

238, 229, 246

226, 204, 246

215, 180, 246

203, 155, 246

192, 131, 246

180, 106, 246

169, 81, 246

157, 57, 246

145, 32, 246

134, 8, 246

238, 229, 246

250, 254, 246

255, 255, 246

Harmonies

Analogous

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

227, 232, 250

238, 229, 246

247, 227, 239

Triad

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

238, 229, 246

246, 230, 216

211, 238, 235

Complementary

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

238, 229, 246

237, 246, 229

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.

217, 237, 226

238, 229, 246

237, 233, 215

Square

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

238, 229, 246

251, 227, 221

226, 235, 218

211, 237, 244

Rectangle

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

238, 229, 246

251, 226, 232

226, 235, 218

212, 238, 232

Sweetspot

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

238, 229, 246

253, 250, 255

229, 237, 246

126, 125, 128

0, 0, 0

128, 128, 128

Same Dimension

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

238, 229, 246

245, 235, 255

246, 229, 246

117, 110, 122

99, 0, 186

31, 0, 59

Inverse Universe

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

246, 229, 237

255, 235, 244

229, 246, 229

122, 110, 116

186, 0, 88

59, 0, 28

Previews

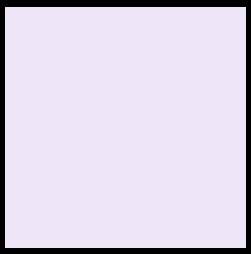
White Background

This preview shows how the RGB color 238, 229, 246 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



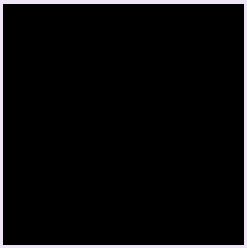
This preview shows how the RGB color 238, 229, 246 looks on a black background.

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 238, 229, 246 Background



This preview shows how black text looks on a background with the RGB color 238, 229, 246.

This preview shows how white text looks on a background with the RGB color 238, 229, 246.

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
238, 229, 246

Protanopia
232, 231, 247

Deuteranopia
248, 225, 247

Tritanopia
238, 229, 247

Trichromacy

Original Color
238, 229, 246

Protanomaly
234, 230, 247

Deuteranomaly
244, 226, 247

Tritanomaly
238, 229, 247

Monochromacy

Original Color
238, 229, 246

Achromatopsia
234, 234, 234

Achromatomaly
235, 232, 238

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 229, 246 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(238, 229, 246) looks like.

```
.text, #text, p{
    color:rgb(238, 229, 246)
}
```

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(238, 229, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 229, 246) }
```

Border

The CSS property to change the border of an element to RGB 238, 229, 246 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(238, 229, 246) }
```

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

```
.border{ border-color:rgb(238, 229, 246) }
```

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

Here you see how a box with a 4 pixel rgb(238, 229, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 229, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 229, 246); box-shadow:4px 4px 4px 4px rgb(238, 229, 246) }
```

Background

The CSS property to change the background color of an element to RGB 238, 229, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(238, 229, 246) }
```

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

```
.background{ background-color:rgb(238,
229, 246) }
```

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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