Converting Colors

RGB(249, 234, 242)

Have a look what the booklet for RGB(249, 234, 242) contains.

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Color

RGB(249, 234, 242)

Conversions

Format	Color
	Conversions Part 1
Hex	F9EAF2
RGB	249, 234, 242
RGB Percent	98%, 92%, 95%
CMY	0.0235, 0.0824, 0.0510
CMYK	0.00, 0.06, 0.03, 0.02
HSL	328°, 56%, 95%
HSV	328°, 6%, 98%
XYZ	84.5168, 85.3962, 96.0330
YIQ	239.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

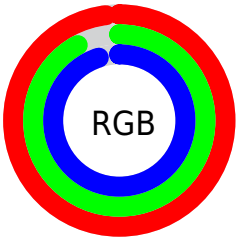
Format	Color
RYB	249, 234, 242
Decimal	16378610
CIELab	94.05, 6.44, -2.05
CIELCh	94, 6.758, 342.314
Yxy	85.3962, 0.3178, 0.3211
Android (android.graphics.Color)	4294568690 (0xFFF9EAF2)
YUV	239.3970, 1.2833, 8.4218
Hunter-Lab	92.4101, 1.5356, 3.0726

Details

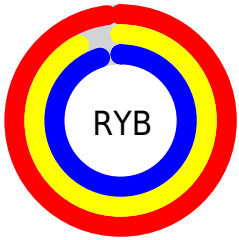
The RGB color 249, 234, 242 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 234, 249, 241, and the grayscale version is 239, 239, 239.

A 20% lighter version of the original color is 255, 255, 255, and 193, 178, 186 is the 20% darker color. If you saturate the color by 10%, you get 249, 209, 230, and if you desaturate by 10%, it is 249, 255, 254.

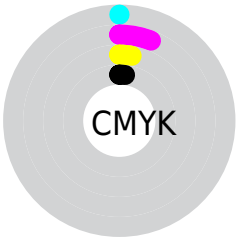
Distribution



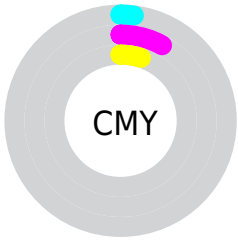
- Red (98%)
- Green (92%)
- Blue (95%)



- Red (98%)
- Yellow (92%)
- Blue (95%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (2%)



- Cyan (2%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 234, 242 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 249, 234, 242 by changing the saturation by 10% instead.

249, 234, 242	249, 234, 242
255, 255, 255	220, 206, 214
	193, 178, 186
	165, 152, 159
	139, 126, 133
	114, 101, 108
	89, 77, 83
	66, 54, 60
	43, 33, 39
	24, 10, 18

249, 234, 242

249, 209, 230

249, 184, 219

249, 159, 207

249, 134, 196

249, 109, 184

249, 85, 172

249, 60, 161

249, 35, 149

249, 10, 137

249, 234, 242

249, 255, 254

249, 255, 255

Harmonies

Analogous

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

243, 235, 248

249, 234, 242

252, 234, 235

Triad

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

249, 234, 242

241, 238, 225

223, 241, 246

Complementary

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

249, 234, 242

234, 249, 241

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.

223, 242, 240

249, 234, 242

233, 240, 228

Square

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

249, 234, 242

247, 236, 226

226, 242, 234

227, 240, 250

Rectangle

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

249, 234, 242

252, 234, 231

226, 242, 234

222, 242, 245

Sweetspot

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

249, 234, 242

255, 250, 253

241, 234, 249

128, 125, 126

0, 0, 0

128, 128, 128

Same Dimension

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

249, 234, 242

255, 237, 247

249, 234, 235

125, 115, 120

189, 0, 101

61, 0, 33

Inverse Universe

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

249, 234, 242

255, 237, 247

234, 249, 249

125, 115, 120

189, 0, 101

61, 0, 33

Previews

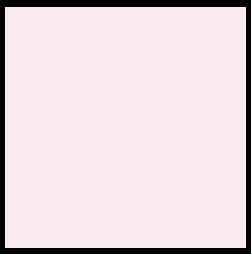
White Background

This preview shows how the RGB color 249, 234, 242 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



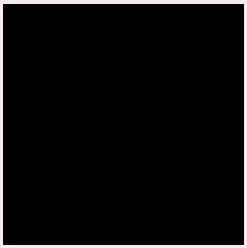
This preview shows how the RGB color 249, 234, 242 looks on a black background.

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 249, 234, 242 Background



This preview shows how black text looks on a background with the RGB color 249, 234, 242.

This preview shows how white text looks on a background with the RGB color 249, 234, 242.

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
249, 234, 242

Protanopia
240, 237, 244

Deuteranopia
255, 232, 242

Tritanopia
250, 233, 251

Trichromacy

Original Color
249, 234, 242

Protanomaly
243, 236, 243

Deuteranomaly
253, 233, 242

Tritanomaly
250, 233, 248

Monochromacy

Original Color
249, 234, 242

Achromatopsia
239, 239, 239

Achromatomaly
243, 237, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 234, 242 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(249, 234, 242) looks like.

```
.text, #text, p{
    color:rgb(249, 234, 242)
}
```

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(249, 234, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 234, 242) }
```

Border

The CSS property to change the border of an element to RGB 249, 234, 242 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(249, 234, 242) }
```

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

```
.border{ border-color:rgb(249, 234, 242) }
```

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

Here you see how a box with a 4 pixel rgb(249, 234, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 234, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 234, 242); box-shadow:4px 4px 4px 4px rgb(249, 234, 242) }
```

Background

The CSS property to change the background color of an element to RGB 249, 234, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(249, 234, 242) }
```

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

```
.background{ background-color:rgb(249,
234, 242) }
```

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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