

Converting Colors

RGB(249, 236, 252)

Have a look what the booklet for
RGB(249, 236, 252) contains.

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Color

RGB(249, 236, 252)

Conversions

Conversions Part 1

Format	Color
Hex	F9ECFC
RGB	249, 236, 252
RGB Percent	98%, 93%, 99%
CMY	0.0235, 0.0745, 0.0118
CMYK	0.01, 0.06, 0.00, 0.01
HSL	289°, 73%, 96%
HSV	289°, 6%, 99%
XYZ	86.6331, 87.1589, 104.3528
YIQ	241.7110, 2.6120, 7.7320

Conversions

Conversions Part 2

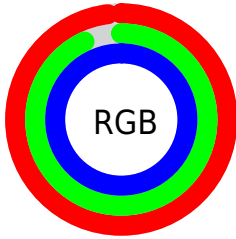
Format	Color
R _Y B	249, 236, 252
Decimal	16379132
CIE Lab	94.81, 7.18, -6.14
CIE LCh	95, 9.447, 319.442
Yxy	87.1589, 0.3115, 0.3134
Android (android.graphics.Color)	4294569212 (0xFFF9ECFC)
YUV	241.7110, 5.0725, 6.3925
Hunter-Lab	93.3589, 2.2621, -0.9207

Details

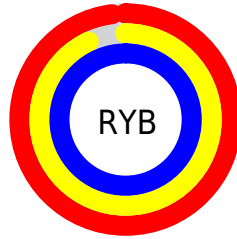
The RGB color `249, 236, 252` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `239, 252, 236`, and the grayscale version is `242, 242, 242`.

A 20% lighter version of the original color is `255, 255, 255`, and `193, 180, 195` is the 20% darker color. If you saturate the color by 10%, you get `244, 211, 252`, and if you desaturate by 10%, it is `254, 255, 252`.

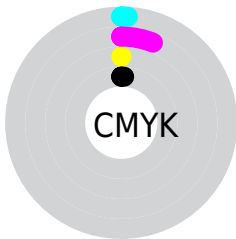
Distribution



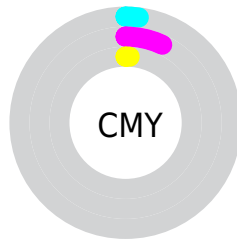
- Red (98%)
- Green (93%)
- Blue (99%)



- Red (98%)
- Yellow (93%)
- Blue (99%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (2%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 236, 252 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, 236, 252 by changing the saturation by 10% instead.

 249, 236, 252

255, 255, 255


 249, 236, 252


 220, 208, 223

 193, 180, 195


 165, 153, 168

 139, 127, 142

 114, 102, 116

 89, 78, 92

 66, 56, 68

 43, 34, 46


 24, 12, 25

 249, 236, 252

 249, 236, 252


 244, 211, 252

 254, 255, 252


 240, 186, 252

 255, 255, 252


 235, 160, 252

 230, 135, 252

 225, 110, 252

 221, 85, 252

 216, 60, 252

 211, 34, 252

 206, 9, 252

Harmonies

Analogous

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



238, 239, 255



249, 236, 252



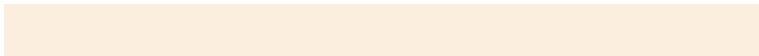
255, 234, 244

Triad

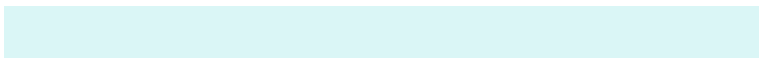
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249, 236, 252



251, 238, 222



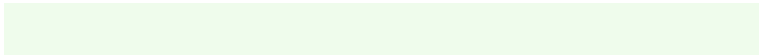
218, 246, 246

Complementary

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



249, 236, 252



239, 252, 236

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.



222, 245, 236



249, 236, 252



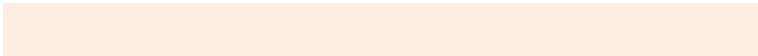
241, 241, 223

Square

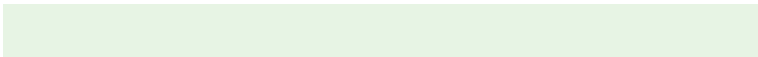
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



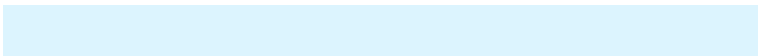
249, 236, 252



255, 236, 227



231, 244, 228



220, 244, 254

Rectangle

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



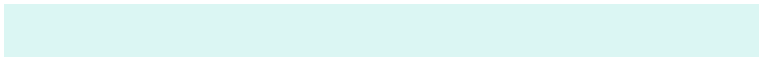
249, 236, 252



255, 234, 237



231, 244, 228



219, 246, 243

Sweetspot

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



249, 236, 252



254, 250, 255



236, 239, 252



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



249, 236, 252



251, 235, 255



252, 236, 247



123, 112, 125



153, 0, 189



50, 0, 61

Inverse Universe

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



252, 236, 239



255, 235, 238



236, 252, 241



125, 112, 115



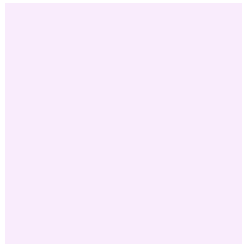
189, 0, 35



61, 0, 11

Previews

White Background



This preview shows how the RGB color 249, 236, 252 looks on a white background.

Color Contrast Check

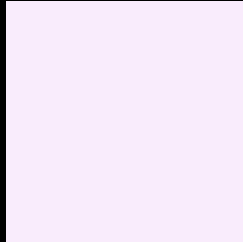
Large Text (above 18pt) WCAG AA × Fail

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, 236, 252 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

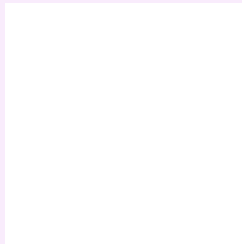
Any Text WCAG AAA ✓ Pass

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

RGB 249, 236, 252 Background



This preview shows how black text looks on a background with the RGB color 249, 236, 252.



This preview shows how white text looks on a background with the RGB color 249, 236, 252.

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, 236, 252
	Protanopia 240, 239, 254
	Deuteranopia 255, 234, 251



Tritanopia

249, 236, 254

Trichromacy



Original Color

249, 236, 252

Protanomaly

243, 238, 253

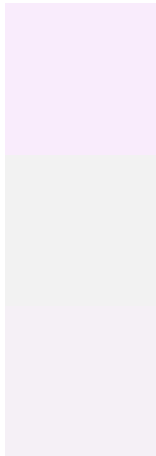
Deuteranomaly

253, 235, 251

Tritanomaly

249, 236, 253

Monochromacy



Original Color

249, 236, 252

Achromatopsia

242, 242, 242

Achromatomaly

245, 240, 246

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 236, 252 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, 236, 252) looks like.

```
.text, #text, p{  
    color:rgb(249, 236, 252)  
}
```

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, 236, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 236, 252) }
```

Border

The CSS property to change the border of an element to RGB 249, 236, 252 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, 236, 252) }
```

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

```
.border{ border-color:rgb(249, 236, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 236, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 236, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 236, 252);  
box-shadow:4px 4px 4px 4px rgb(249, 236,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 249, 236, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 236, 252) }
```

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

```
.background{ background-color: rgb(249,  
236, 252) }
```

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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