Converting Colors

RGB(249, 250, 240)

Have a look what the booklet for RGB(249, 250, 240) contains.

Color

RGB(249, 250, 240)

Conversions

Format	Color
	Conversions Part 1
Hex	F9FAF0
RGB	249, 250, 240
RGB Percent	98%, 98%, 94%
CMY	0.0235, 0.0196, 0.0588
CMYK	0.00, 0.00, 0.04, 0.02
HSL	66°, 50%, 96%
HSV	66°, 4%, 98%
XYZ	88.9807, 94.8022, 96.0469
YIQ	248.5610, 2.6140, -3.3220

Conversions

Conversions Part 2

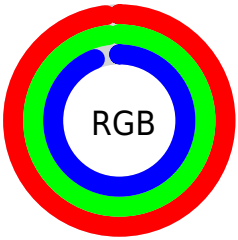
Format	Color
RYB	240, 250, 241
Decimal	16382704
CIELab	97.95, -2.05, 4.66
CIELCh	98, 5.096, 113.778
Yxy	94.8022, 0.3180, 0.3388
Android (android.graphics.Color)	4294572784 (0xFFF9FAF0)
YUV	248.5610, -4.2206, 0.3850
Hunter-Lab	97.3664, -7.2646, 9.6700

Details

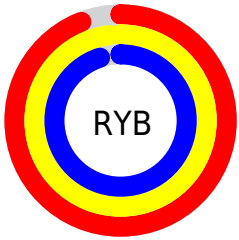
The RGB color 249, 250, 240 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 241, 240, 250, and the grayscale version is 249, 249, 249.

A 20% lighter version of the original color is 255, 255, 255, and 193, 194, 184 is the 20% darker color. If you saturate the color by 10%, you get 247, 250, 215, and if you desaturate by 10%, it is 251, 250, 255.

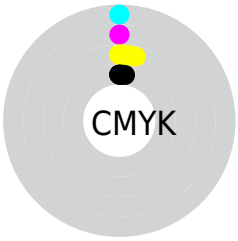
Distribution



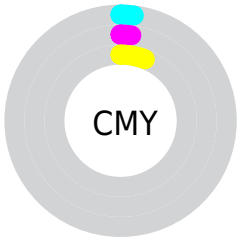
- Red (98%)
- Green (98%)
- Blue (94%)



- Red (94%)
- Yellow (98%)
- Blue (95%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 249, 250, 240 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, 250, 240 by changing the saturation by 10% instead.

249, 250, 240

255, 255, 255

249, 250, 240

220, 221, 212

193, 194, 184

165, 166, 157

139, 140, 131

114, 115, 106

89, 90, 82

66, 67, 59

44, 45, 37

23, 24, 16

249, 250, 240

247, 250, 215

244, 250, 190

242, 250, 165

239, 250, 140

237, 250, 115

234, 250, 90

232, 250, 65

229, 250, 40

227, 250, 15

249, 250, 240

251, 250, 255

254, 250, 255

255, 250, 255

Harmonies

Analogous

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

255, 248, 239

249, 250, 240

243, 251, 243

Triad

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

249, 250, 240

239, 251, 255

255, 246, 250

Complementary

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

249, 250, 240

241, 240, 250

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.

255, 247, 255

249, 250, 240

243, 250, 255

Square

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

249, 250, 240

237, 252, 253

249, 248, 255

255, 246, 245

Rectangle

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

249, 250, 240

240, 252, 246

249, 248, 255

255, 246, 252

Sweetspot

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

249, 250, 240

255, 255, 252

250, 241, 240

127, 128, 126

0, 0, 0

128, 128, 128

Same Dimension

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

249, 250, 240

254, 255, 242

244, 250, 240

124, 125, 117

170, 189, 0

55, 61, 0

Inverse Universe

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

241, 240, 250

244, 242, 255

246, 240, 250

118, 117, 125

19, 0, 189

6, 0, 61

Previews

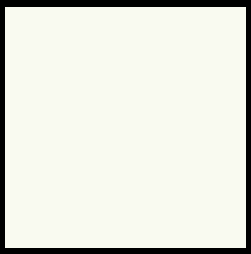
White Background

This preview shows how the RGB color 249, 250, 240 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



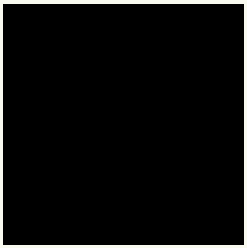
This preview shows how the RGB color 249, 250, 240 looks on a black background.

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, 250, 240 Background



This preview shows how black text looks on a background with the RGB color 249, 250, 240.

This preview shows how white text looks on a background with the RGB color 249, 250, 240.

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, 250, 240

Protanopia
255, 248, 240

Deuteranopia
255, 247, 248

Tritanopia
250, 248, 255

Trichromacy

Original Color
249, 250, 240

Protanomaly
253, 249, 240

Deuteranomaly
253, 248, 245

Tritanomaly
250, 249, 250

Monochromacy

Original Color
249, 250, 240

Achromatopsia
249, 249, 249

Achromatomaly
249, 249, 246

CSS Examples

Text

The CSS property to change the color of the text to RGB 249, 250, 240 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, 250, 240) looks like.

```
.text, #text, p{
    color:rgb(249, 250, 240)
}
```

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, 250, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 250, 240) }
```

Border

The CSS property to change the border of an element to RGB 249, 250, 240 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, 250, 240) }
```

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

```
.border{ border-color:rgb(249, 250, 240) }
```

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

Here you see how a box with a 4 pixel rgb(249, 250, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 250, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 250, 240); box-shadow:4px 4px 4px 4px rgb(249, 250, 240) }
```

Background

The CSS property to change the background color of an element to RGB 249, 250, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(249, 250, 240) }
```

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

```
.background{ background-color:rgb(249,
250, 240) }
```

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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