Converting Colors

RGB(242, 250, 247)

Have a look what the booklet for RGB(242, 250, 247) contains.

Color

RGB(242, 250, 247)

Conversions

Conversions Part 1

Format	Color
Hex	F2FAF7
RGB	242, 250, 247
RGB Percent	95%, 98%, 97%
CMY	0.0510, 0.0196, 0.0314
CMYK	0.03, 0.00, 0.01, 0.02
HSL	158°, 44%, 96%
HSV	158°, 3%, 98%
XYZ	87.5921, 93.9639, 101.5159
YIQ	247.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

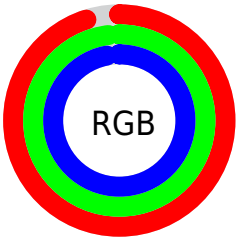
Format	Color
RYB	242, 247, 250
Decimal	15923959
CIELab	97.62, -3.16, 0.51
CIELCh	98, 3.201, 170.858
Yxy	93.9639, 0.3094, 0.3319
Android (android.graphics.Color)	4294114039 (0xFFF2FAF7)
YUV	247.2660, -0.1311, -4.6183
Hunter-Lab	96.9350, -8.3406, 5.7625

Details

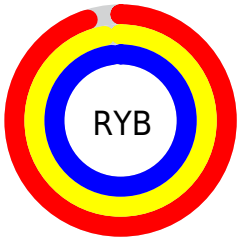
The RGB color 242, 250, 247 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 250, 242, 245, and the grayscale version is 247, 247, 247.

A 20% lighter version of the original color is 255, 255, 255, and 186, 194, 191 is the 20% darker color. If you saturate the color by 10%, you get 217, 250, 238, and if you desaturate by 10%, it is 255, 250, 255.

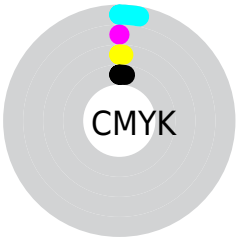
Distribution



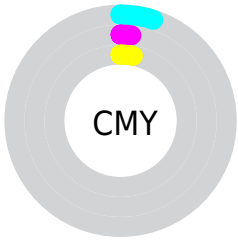
- Red (95%)
- Green (98%)
- Blue (97%)



- Red (95%)
- Yellow (97%)
- Blue (98%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 250, 247 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 242, 250, 247 by changing the saturation by 10% instead.

242, 250, 247

255, 255, 255

242, 250, 247

214, 221, 219

186, 194, 191

159, 166, 164

133, 140, 137

108, 115, 112

83, 90, 88

60, 67, 64

39, 45, 42

18, 24, 22

242, 250, 247

217, 250, 238

192, 250, 228

167, 250, 219

142, 250, 210

117, 250, 200

92, 250, 191

67, 250, 181

42, 250, 172

17, 250, 163

242, 250, 247

255, 250, 255

Harmonies

Analogous

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

245, 249, 244

242, 250, 247

241, 250, 250

Triad

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

242, 250, 247

248, 248, 254

254, 247, 243

Complementary

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

242, 250, 247

250, 242, 245

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, 246, 246

242, 250, 247

251, 247, 252

Square

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

242, 250, 247

244, 249, 254

254, 246, 249

252, 248, 242

Rectangle

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

242, 250, 247

241, 250, 252

254, 246, 249

255, 246, 244

Sweetspot

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

242, 250, 247

252, 255, 254

245, 250, 242

126, 128, 127

0, 0, 0

128, 128, 128

Same Dimension

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

242, 250, 247

245, 255, 251

242, 249, 250

119, 125, 123

0, 189, 118

0, 61, 38

Inverse Universe

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

250, 242, 245

255, 245, 249

250, 243, 242

125, 119, 121

189, 0, 71

61, 0, 23

Previews

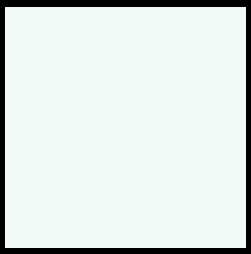
White Background

This preview shows how the RGB color 242, 250, 247 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



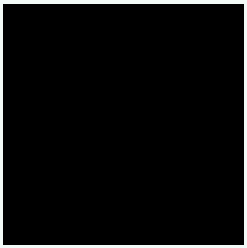
This preview shows how the RGB color 242, 250, 247 looks on a black background.

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 242, 250, 247 Background



This preview shows how black text looks on a background with the RGB color 242, 250, 247.

This preview shows how white text looks on a background with the RGB color 242, 250, 247.

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
242, 250, 247

Protanopia
253, 247, 245

Deuteranopia
255, 246, 248

Tritanopia
247, 248, 255

Trichromacy

Original Color
242, 250, 247

Protanomaly
249, 248, 246

Deuteranomaly
250, 247, 248

Tritanomaly
245, 249, 252

Monochromacy

Original Color
242, 250, 247

Achromatopsia
247, 247, 247

Achromatomaly
245, 248, 247

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 250, 247 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(242, 250, 247) looks like.

```
.text, #text, p{
    color:rgb(242, 250, 247)
}
```

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(242, 250, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 250, 247) }
```

Border

The CSS property to change the border of an element to RGB 242, 250, 247 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(242, 250, 247) }
```

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

```
.border{ border-color:rgb(242, 250, 247) }
```

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

Here you see how a box with a 4 pixel rgb(242, 250, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 250, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 250, 247); box-shadow:4px 4px 4px 4px rgb(242, 250, 247) }
```

Background

The CSS property to change the background color of an element to RGB 242, 250, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(242, 250, 247) }
```

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

```
.background{ background-color:rgb(242,
250, 247) }
```

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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