Converting Colors

RGB(244, 242, 254)

Have a look what the booklet for RGB(244, 242, 254) contains.

Color

RGB(244, 242, 254)

Conversions

Conversions Part 1

Format	Color
Hex	F4F2FE
RGB	244, 242, 254
RGB Percent	96%, 95%, 100%
CMY	0.0431, 0.0510, 0.0039
CMYK	0.04, 0.05, 0.00, 0.00
HSL	250°, 86%, 97%
HSV	250°, 5%, 100%
XYZ	86.9498, 89.8931, 106.5343
YIQ	243.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

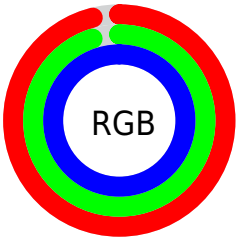
Format	Color
RYB	244, 242, 254
Decimal	16052990
CIELab	95.95, 2.82, -5.53
CIELCh	96, 6.210, 297.055
Yxy	89.8931, 0.3068, 0.3172
Android (android.graphics.Color)	4294243070 (0xFFF4F2FE)
YUV	243.9660, 4.9468, 0.0298
Hunter-Lab	94.8120, -2.2230, -0.2521

Details

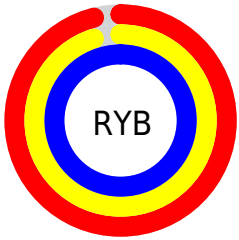
The RGB color 244, 242, 254 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 252, 254, 242, and the grayscale version is 244, 244, 244.

A 20% lighter version of the original color is 255, 255, 255, and 188, 186, 197 is the 20% darker color. If you saturate the color by 10%, you get 223, 217, 254, and if you desaturate by 10%, it is 255, 255, 254.

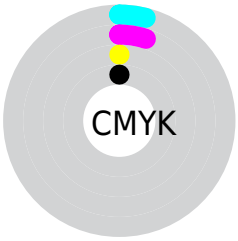
Distribution



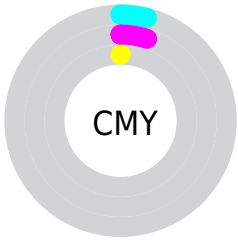
- Red (96%)
- Green (95%)
- Blue (100%)



- Red (96%)
- Yellow (95%)
- Blue (100%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 244, 242, 254 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 244, 242, 254 by changing the saturation by 10% instead.

244, 242, 254

255, 255, 255

244, 242, 254

216, 214, 225

188, 186, 197

161, 159, 170

135, 133, 144

109, 108, 118

85, 83, 93

62, 60, 70

40, 39, 47

20, 18, 27

244, 242, 254

223, 217, 254

202, 191, 254

181, 166, 254

159, 140, 254

138, 115, 254

117, 90, 254

96, 64, 254

75, 39, 254

54, 13, 254

244, 242, 254

255, 255, 254

Harmonies

Analogous

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

237, 244, 255

244, 242, 254

251, 240, 250

Triad

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

244, 242, 254

255, 241, 233

231, 247, 242

Complementary

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

244, 242, 254

252, 254, 242

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.

236, 246, 237

244, 242, 254

249, 243, 231

Square

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

244, 242, 254

255, 240, 238

242, 245, 233

229, 247, 249

Rectangle

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

244, 242, 254

254, 240, 246

242, 245, 233

232, 247, 240

Sweetspot

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

244, 242, 254

253, 252, 255

242, 252, 254

126, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

244, 242, 254

242, 240, 255

250, 242, 254

120, 119, 128

32, 0, 191

11, 0, 64

Inverse Universe

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

254, 242, 252

255, 240, 252

246, 254, 242

128, 119, 126

191, 0, 159

64, 0, 53

Previews

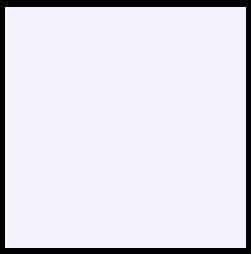
White Background

This preview shows how the RGB color 244, 242, 254 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



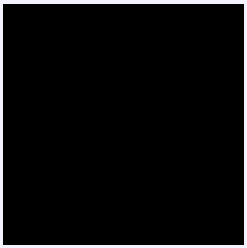
This preview shows how the RGB color 244, 242, 254 looks on a black background.

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 244, 242, 254 Background



This preview shows how black text looks on a background with the RGB color 244, 242, 254.

This preview shows how white text looks on a background with the RGB color 244, 242, 254.

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
244, 242, 254

Protanopia
244, 242, 254

Deuteranopia
255, 239, 251

Tritanopia
244, 242, 255

Trichromacy

Original Color
244, 242, 254

Protanomaly
244, 242, 254

Deuteranomaly
251, 240, 252

Tritanomaly
244, 242, 255

Monochromacy

Original Color
244, 242, 254

Achromatopsia
244, 244, 244

Achromatomaly
244, 243, 248

CSS Examples

Text

The CSS property to change the color of the text to RGB 244, 242, 254 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(244, 242, 254) looks like.

```
.text, #text, p{
    color:rgb(244, 242, 254)
}
```

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(244, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 242, 254) }
```

Border

The CSS property to change the border of an element to RGB 244, 242, 254 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(244, 242, 254) }
```

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

```
.border{ border-color:rgb(244, 242, 254) }
```

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

Here you see how a box with a 4 pixel rgb(244, 242, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 242, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 242, 254); box-shadow:4px 4px 4px 4px rgb(244, 242, 254) }
```

Background

The CSS property to change the background color of an element to RGB 244, 242, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(244, 242, 254) }
```

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

```
.background{ background-color:rgb(244,
242, 254) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor