

Converting Colors

RGB(242, 241, 248)

Have a look what the booklet for
RGB(242, 241, 248) contains.

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Color

RGB(242, 241, 248)

Conversions

Conversions Part 1

Format	Color
Hex	F2F1F8
RGB	242, 241, 248
RGB Percent	95%, 95%, 97%
CMY	0.0510, 0.0549, 0.0275
CMYK	0.02, 0.03, 0.00, 0.03
HSL	249°, 33%, 96%
HSV	249°, 3%, 97%
XYZ	85.0165, 88.5652, 101.4209
YIQ	242.0970, -1.6510, 2.3890

Conversions

Conversions Part 2

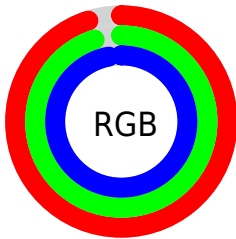
Format	Color
R _Y B	242, 241, 248
Decimal	15921656
CIE Lab	95.40, 1.59, -3.26
CIE LCh	95, 3.623, 295.998
Yxy	88.5652, 0.3091, 0.3221
Android (android.graphics.Color)	4294111736 (0xFFFF2F1F8)
YUV	242.0970, 2.9102, -0.0851
Hunter-Lab	94.1091, -3.4370, 1.9798

Details

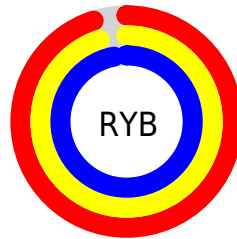
The RGB color `242, 241, 248` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `247, 248, 241`, and the grayscale version is `242, 242, 242`.

A 20% lighter version of the original color is `255, 255, 255`, and `186, 185, 192` is the 20% darker color. If you saturate the color by 10%, you get `221, 216, 248`, and if you desaturate by 10%, it is `255, 255, 248`.

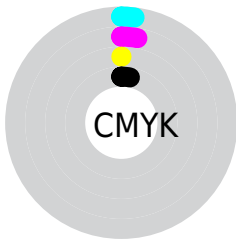
Distribution



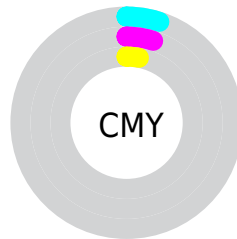
- Red (95%)
- Green (95%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RGB color 242, 241, 248 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, 241, 248 by changing the saturation by 10% instead.

 242, 241, 248

255, 255, 255

 242, 241, 248


 214, 213, 219


 186, 185, 192

 159, 158, 165

 133, 132, 138

 108, 107, 113

 83, 83, 88


 60, 60, 65

 39, 38, 43

 18, 17, 23

 242, 241, 248


 242, 241, 248


 221, 216, 248

 255, 255, 248

 199, 191, 248

 178, 167, 248


 157, 142, 248

 136, 117, 248

 114, 92, 248

 93, 67, 248

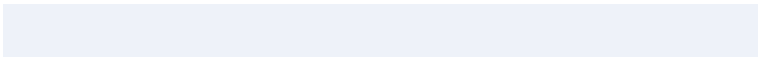
 72, 43, 248

 51, 18, 248

Harmonies

Analogous

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



238, 242, 249



242, 241, 248



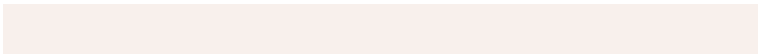
246, 240, 246

Triad

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



242, 241, 248



248, 240, 236



234, 244, 241

Complementary

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



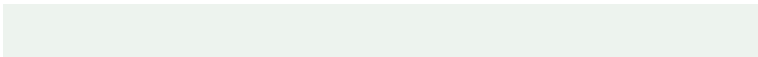
242, 241, 248



247, 248, 241

Split Complementary

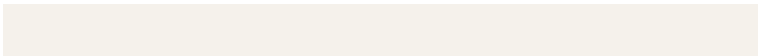
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237, 243, 238



242, 241, 248



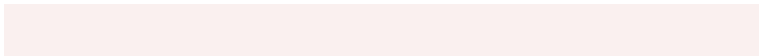
245, 241, 235

Square

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



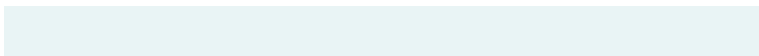
242, 241, 248



250, 240, 239



241, 242, 235



233, 244, 245

Rectangle

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



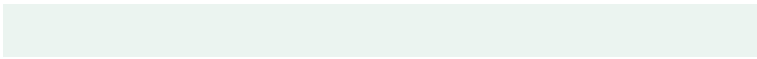
242, 241, 248



248, 240, 244



241, 242, 235



235, 244, 240

Sweetspot

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



242, 241, 248



253, 252, 255



241, 247, 248



126, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



242, 241, 248



248, 247, 255



245, 241, 248



121, 120, 125



27, 0, 189



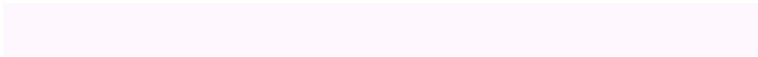
9, 0, 61

Inverse Universe

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



248, 241, 247



255, 247, 254



244, 248, 241



125, 120, 124



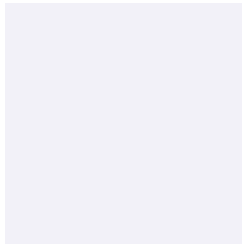
189, 0, 162



61, 0, 52

Previews

White Background



This preview shows how the RGB color 242, 241, 248 looks on a white background.

Color Contrast Check

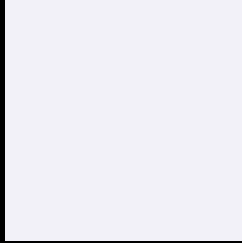
Large Text (above 18pt) WCAG AA × Fail

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, 241, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

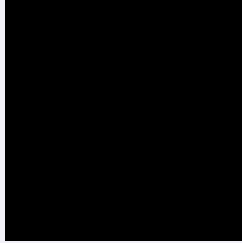
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

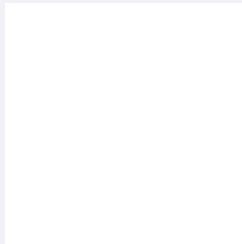
Any Text WCAG AAA ✓ Pass

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

RGB 242, 241, 248 Background



This preview shows how black text looks on a background with the RGB color 242, 241, 248.

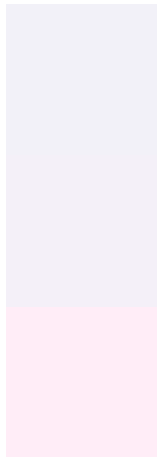


This preview shows how white text looks on a background with the RGB color 242, 241, 248.

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, 241, 248

Protanopia
244, 240, 248

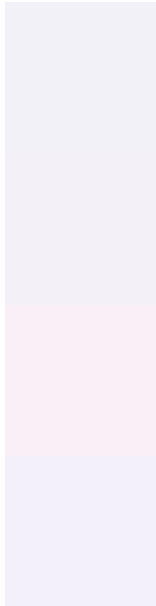
Deuteranopia
255, 237, 247



Tritanopia

243, 240, 255

Trichromacy



Original Color

242, 241, 248

Protanomaly

243, 240, 248

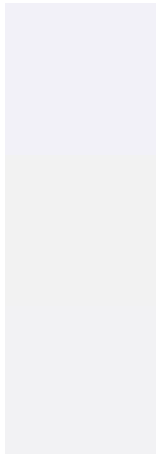
Deuteranomaly

250, 238, 247

Tritanomaly

243, 240, 252

Monochromacy



Original Color

242, 241, 248

Achromatopsia

242, 242, 242

Achromatomaly

242, 242, 244

CSS Examples

Text

The CSS property to change the color of the text to RGB 242, 241, 248 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, 241, 248) looks like.

```
.text, #text, p{  
    color:rgb(242, 241, 248)  
}
```

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, 241, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 241, 248) }
```

Border

The CSS property to change the border of an element to RGB 242, 241, 248 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, 241, 248) }
```

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

```
.border{ border-color:rgb(242, 241, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 241, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 241, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 241, 248);  
box-shadow:4px 4px 4px 4px rgb(242, 241,  
248) }
```

Background

The CSS property to change the background color of an element to RGB 242, 241, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 241, 248) }
```

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

```
.background{ background-color: rgb(242,  
241, 248) }
```

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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