

Converting Colors

RGB(242, 248, 248)

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

RGB(242, 248, 248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(242, 248, 248)

Conversions

Conversions Part 1

Format	Color
Hex	F2F8F8
RGB	242, 248, 248
RGB Percent	95%, 97%, 97%
CMY	0.0510, 0.0275, 0.0275
CMYK	0.02, 0.00, 0.00, 0.03
HSL	180°, 30%, 96%
HSV	180°, 2%, 97%
XYZ	87.1286, 92.7894, 102.1249
YIQ	246.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

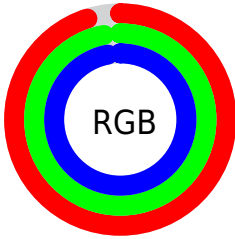
Format	Color
R _Y B	242, 245, 248
Decimal	15923448
CIE Lab	97.14, -1.97, -0.70
CIE LCh	97, 2.092, 199.580
Yxy	92.7894, 0.3089, 0.3290
Android (android.graphics.Color)	4294113528 (0xFF2F8F8)
YUV	246.2060, 0.8844, -3.6887
Hunter-Lab	96.3272, -7.1182, 4.5706

Details

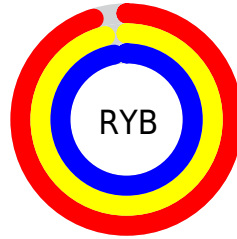
The RGB color 242, 248, 248 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 248, 242, 242, and the grayscale version is 246, 246, 246.

A 20% lighter version of the original color is 255, 255, 255, and 186, 192, 192 is the 20% darker color. If you saturate the color by 10%, you get 217, 248, 248, and if you desaturate by 10%, it is 255, 248, 248.

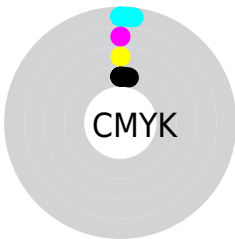
Distribution



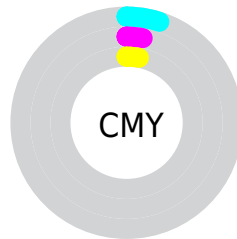
- Red (95%)
- Green (97%)
- Blue (97%)



- Red (95%)
- Yellow (96%)
- Blue (97%)



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



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

Brightness & Saturation Gradients

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

 242, 248, 248

255, 255, 255

 242, 248, 248

 214, 219, 219

 186, 192, 192

 159, 165, 165


 133, 138, 138

 108, 113, 113

 83, 88, 88

 60, 65, 65

 39, 43, 43

 18, 23, 23

 242, 248, 248

 242, 248, 248

 217, 248, 248

 255, 248, 248

 192, 248, 248


 168, 248, 248

 143, 248, 248

 118, 248, 248

 93, 248, 248

 68, 248, 248

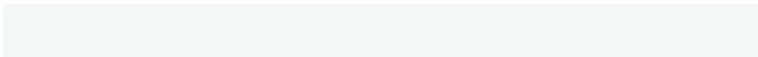
 44, 248, 248

 19, 248, 248

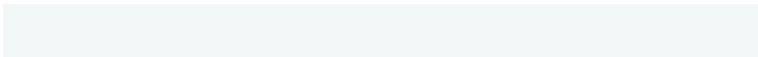
Harmonies

Analogous

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



243, 248, 246



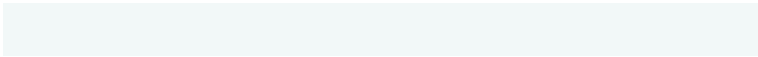
242, 248, 248



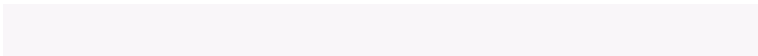
242, 248, 250

Triad

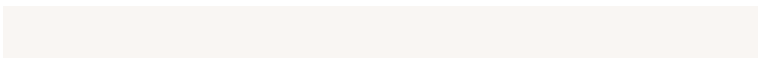
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242, 248, 248



249, 246, 249



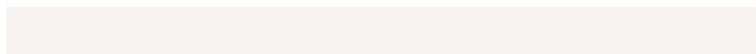
249, 246, 243

Complementary

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



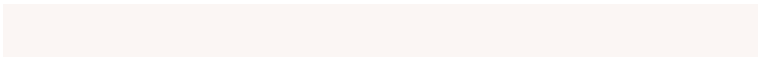
242, 248, 248



248, 242, 242

Split Complementary

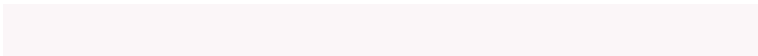
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 246, 244



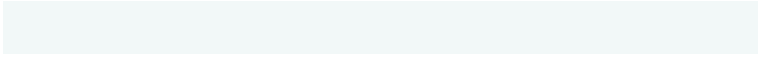
242, 248, 248



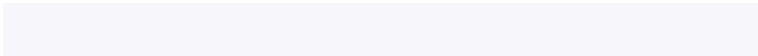
251, 246, 248

Square

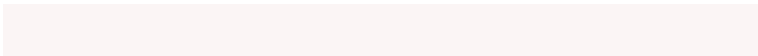
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 248, 248



246, 246, 251



251, 245, 245



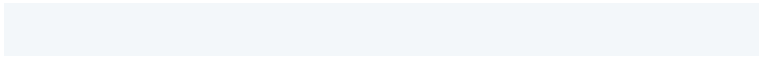
247, 247, 243

Rectangle

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



242, 248, 248



243, 247, 250



251, 245, 245



250, 246, 243

Sweetspot

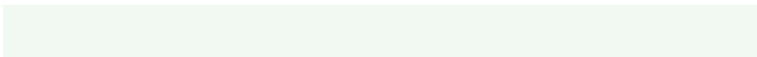
The Sweet Spot groups the original color and five complimentary colors.



242, 248, 248



252, 255, 255



242, 248, 242



126, 128, 128



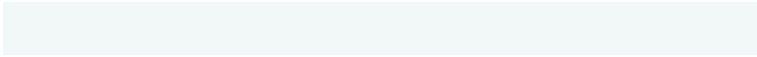
0, 0, 0



128, 128, 128

Same Dimension

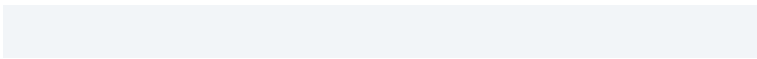
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242, 248, 248



247, 255, 255



242, 245, 248



120, 125, 125



0, 189, 189



0, 61, 61

Inverse Universe

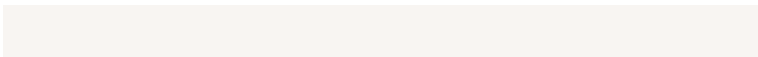
The Inverse Universe completely reimagines the original color for something new.



248, 242, 248



255, 247, 255



248, 245, 242



125, 120, 125



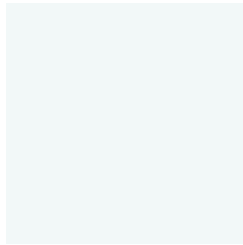
189, 0, 189



61, 0, 61

Previews

White Background



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

Color Contrast Check

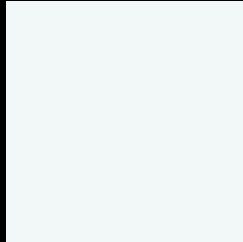
Large Text (above 18pt) WCAG AA × Fail

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, 248, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

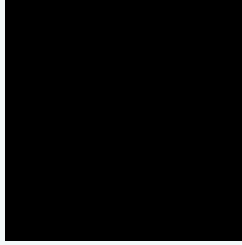
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

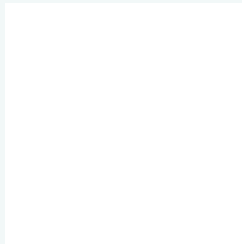
Any Text WCAG AAA ✓ Pass

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

RGB 242, 248, 248 Background



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

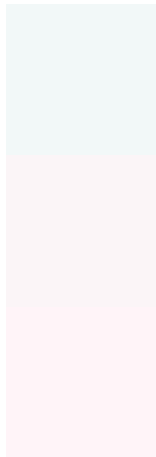


This preview shows how white text looks on a background with the RGB color 242, 248, 248.

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, 248, 248

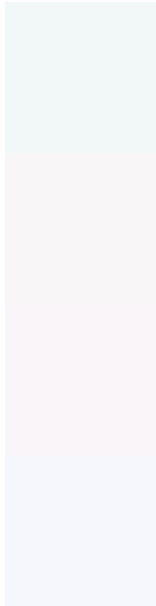
Protanopia
251, 245, 247

Deuteranopia
255, 244, 248



Tritanopia
246, 246, 255

Trichromacy



Original Color

242, 248, 248

Protanomaly

248, 246, 247

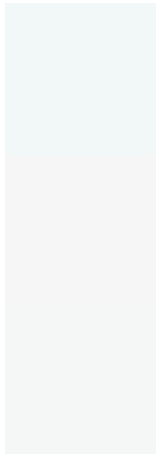
Deuteranomaly

250, 245, 248

Tritanomaly

245, 247, 252

Monochromacy



Original Color

242, 248, 248

Achromatopsia

246, 246, 246

Achromatomaly

245, 247, 247

CSS Examples

Text

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

```
.text, #text, p{  
    color:rgb(242, 248, 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, 248, 248) colored shadow looks like.

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

Border

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

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

```
.border{ border-color:rgb(242, 248, 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, 248, 248)` colored shadow looks like.

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

Background

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

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

```
.background{ background-color: rgb(242,  
248, 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](#).

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