

Converting Colors

RGB(232, 247, 242)

Have a look what the booklet for
RGB(232, 247, 242) contains.

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Color

RGB(232, 247, 242)

Conversions

Conversions Part 1

Format	Color
Hex	E8F7F2
RGB	232, 247, 242
RGB Percent	91%, 97%, 95%
CMY	0.0902, 0.0314, 0.0510
CMYK	0.06, 0.00, 0.02, 0.03
HSL	160°, 48%, 94%
HSV	160°, 6%, 97%
XYZ	82.5665, 90.0881, 97.0414
YIQ	241.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

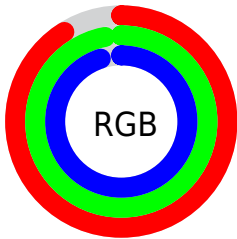
Format	Color
R_{YB}	232, 241, 247
Decimal	15267826
CIE _{Lab}	96.03, -5.82, 0.69
CIE _{LCh}	96, 5.862, 173.229
Yxy	90.0881, 0.3061, 0.3340
Android (android.graphics.Color)	4293457906 (0xFFE8F7F2)
YUV	241.9450, 0.0271, -8.7218
Hunter-Lab	94.9148, -10.8235, 5.8219

Details

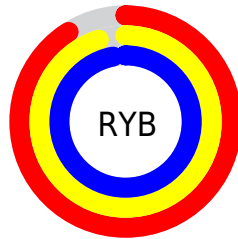
The RGB color **232, 247, 242** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **247, 232, 237**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is 255, 255, 255, and **176, 191, 186** is the 20% darker color. If you saturate the color by 10%, you get **207, 247, 234**, and if you desaturate by 10%, it is 255, 247, 250.

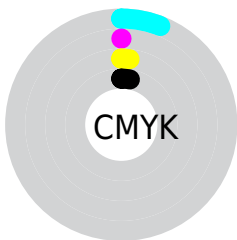
Distribution



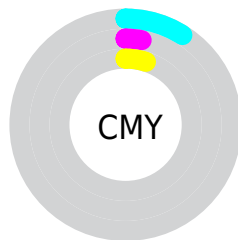
- Red (91%)
- Green (97%)
- Blue (95%)



- Red (91%)
- Yellow (95%)
- Blue (97%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (9%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 247, 242 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 232, 247, 242 by changing the saturation by 10% instead.


 232, 247, 242

255, 255, 255


 232, 247, 242

 204, 219, 214

 176, 191, 186


 150, 164, 159

 124, 137, 133

 99, 112, 108

 75, 88, 83

 52, 64, 60

 31, 42, 39

 8, 22, 18

 232, 247, 242

 232, 247, 242

 207, 247, 234

 255, 247, 250

 183, 247, 226

 255, 247, 255

 158, 247, 217

 133, 247, 209

 109, 247, 201

 84, 247, 193

 59, 247, 184

 34, 247, 176

 10, 247, 168

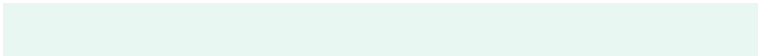
Harmonies

Analogous

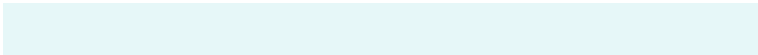
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237, 246, 237



232, 247, 242



230, 247, 248

Triad

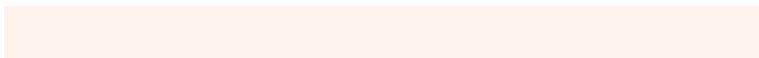
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232, 247, 242



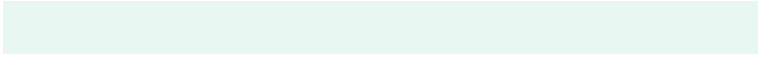
243, 243, 254



255, 241, 235

Complementary

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



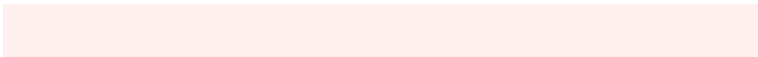
232, 247, 242



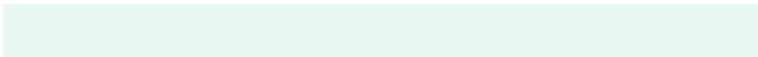
247, 232, 237

Split Complementary

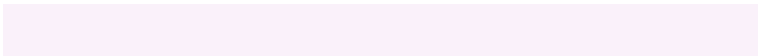
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 240, 239



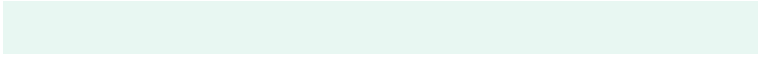
232, 247, 242



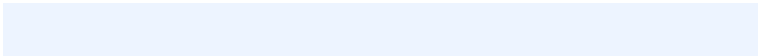
250, 241, 250

Square

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



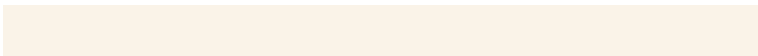
232, 247, 242



237, 244, 255



255, 240, 245



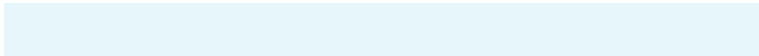
250, 243, 232

Rectangle

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



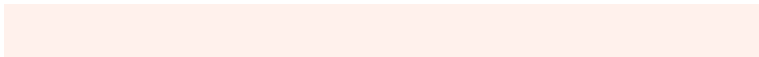
232, 247, 242



231, 246, 251



255, 240, 245



255, 241, 236

Sweetspot

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



232, 247, 242



250, 255, 253



237, 247, 232



125, 128, 127



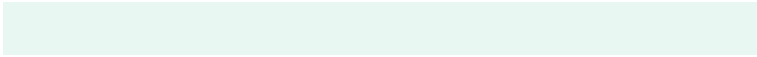
0, 0, 0



128, 128, 128

Same Dimension

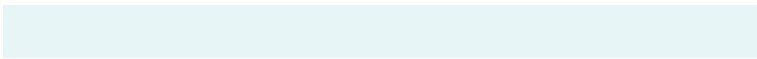
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232, 247, 242



237, 255, 249



232, 245, 247



113, 122, 119



0, 186, 124



0, 59, 39

Inverse Universe

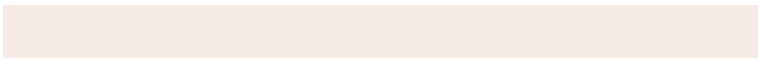
The Inverse Universe completely reimagines the original color for something new.



247, 232, 237



255, 237, 243



247, 235, 232



122, 113, 116



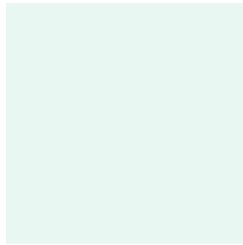
186, 0, 62



59, 0, 20

Previews

White Background



This preview shows how the RGB color 232, 247, 242 looks on a white background.

Color Contrast Check

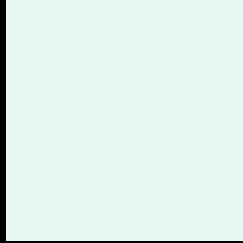
Large Text (above 18pt) WCAG AA × Fail

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 232, 247, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

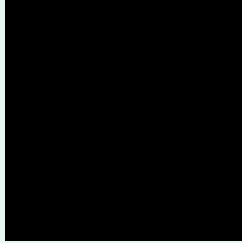
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

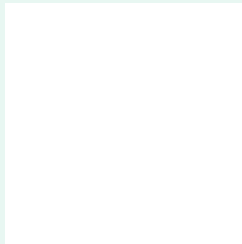
Any Text WCAG AAA ✓ Pass

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

RGB 232, 247, 242 Background



This preview shows how black text looks on a background with the RGB color 232, 247, 242.

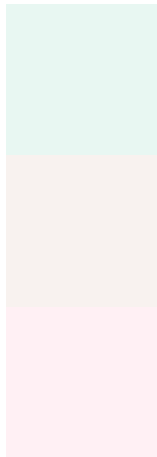


This preview shows how white text looks on a background with the RGB color 232, 247, 242.

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
232, 247, 242

Protanopia
248, 242, 239

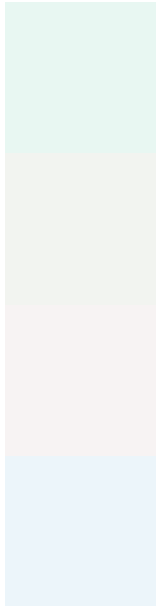
Deuteranopia
255, 240, 244



Tritanopia

239, 244, 255

Trichromacy



Original Color

232, 247, 242

Protanomaly

242, 244, 240

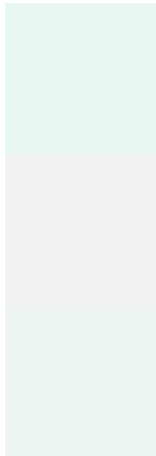
Deuteranomaly

247, 243, 243

Tritanomaly

236, 245, 250

Monochromacy



Original Color

232, 247, 242

Achromatopsia

242, 242, 242

Achromatomaly

238, 244, 242

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 247, 242 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(232, 247, 242)` looks like.

```
.text, #text, p{  
    color:rgb(232, 247, 242)  
}
```

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(232, 247, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 247, 242) }
```

Border

The CSS property to change the border of an element to RGB 232, 247, 242 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(232, 247, 242) }
```

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

```
.border{ border-color:rgb(232, 247, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 247, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 247, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 247, 242);  
box-shadow:4px 4px 4px 4px rgb(232, 247,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 232, 247, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 247, 242) }
```

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

```
.background{ background-color: rgb(232,  
247, 242) }
```

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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