

Converting Colors

`RYB(232, 246, 243)`

Have a look what the booklet for
RYB(232, 246, 243) contains.

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Color

R_YB(232, 246, 243)

Conversions

Conversions Part 1

Format	Color
Hex	EBF6E8
RGB	235, 246, 232
RGB Percent	92%, 96%, 91%
CMY	0.0784, 0.0353, 0.0902
CMYK	0.04, 0.00, 0.06, 0.04
HSL	107°, 44%, 94%
HSV	107°, 6%, 96%
XYZ	81.7822, 89.3999, 89.2895
YIQ	241.1150, -2.0620, -6.6860

Conversions

Conversions Part 2

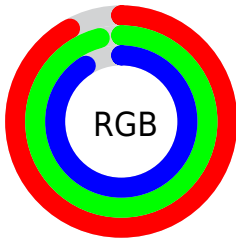
Format	Color
R _Y B	232, 246, 243
Decimal	15464168
CIE Lab	95.75, -6.10, 5.47
CIE LCh	96, 8.194, 138.157
Yxy	89.3999, 0.3140, 0.3432
Android (android.graphics.Color)	4293654248 (0xFFE6F6E8)
YUV	241.1150, -4.4937, -5.3629
Hunter-Lab	94.5515, -11.0718, 10.1957

Details

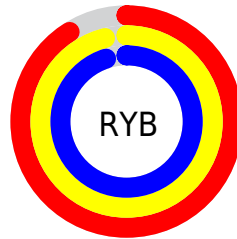
The RYB color `232, 246, 243` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `243, 232, 246`, and the grayscale version is `241, 241, 241`.

A 20% lighter version of the original color is `255, 255, 255`, and `176, 190, 187` is the 20% darker color. If you saturate the color by 10%, you get `207, 246, 237`, and if you desaturate by 10%, it is `254, 246, 255`.

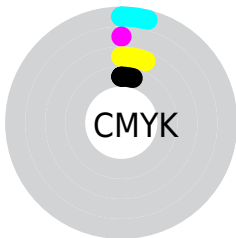
Distribution



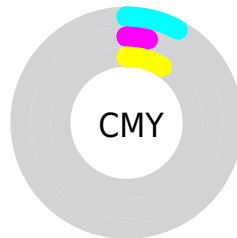
- Red (92%)
- Green (96%)
- Blue (91%)



- Red (91%)
- Yellow (96%)
- Blue (95%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 246, 243 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 RYB color 232, 246, 243 by changing the saturation by 10% instead.

■ 232, 246, 243

255, 255, 255

■ 232, 246, 243

■ 204, 218, 215

■ 176, 190, 187

■ 150, 163, 161

■ 124, 136, 133

■ 99, 111, 108

■ 75, 87, 84

■ 53, 63, 61

■ 31, 42, 40

■ 7, 21, 17

 232, 246, 243

 232, 246, 243

 207, 246, 237

 254, 246, 255

 183, 246, 233

 255, 246, 255

 158, 246, 227

 134, 246, 222

 109, 246, 217

 84, 246, 211

 60, 246, 206

 35, 246, 201

 11, 246, 196

Harmonies

Analogous

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



228, 244, 228



232, 246, 243



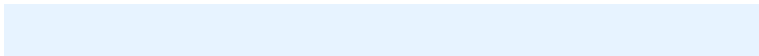
227, 240, 247

Triad

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



232, 246, 243



231, 239, 255



255, 238, 238

Complementary

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



232, 246, 243



243, 232, 246

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, 238, 246



232, 246, 243



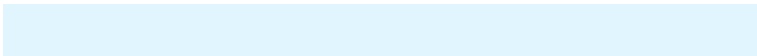
241, 242, 255

Square

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



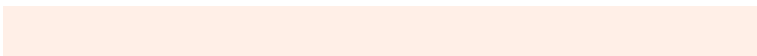
232, 246, 243



225, 237, 254



250, 239, 253



255, 243, 231

Rectangle

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



232, 246, 243



224, 237, 248



250, 239, 253



255, 238, 241

Sweetspot

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



232, 246, 243



250, 255, 254



236, 246, 232



125, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

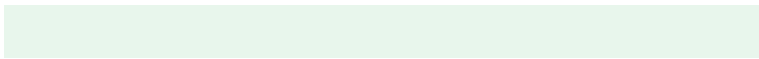
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232, 246, 243



237, 255, 251



232, 243, 246



113, 122, 120



0, 186, 146



0, 59, 46

Inverse Universe

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



243, 232, 246



251, 237, 255



246, 232, 242



120, 113, 122



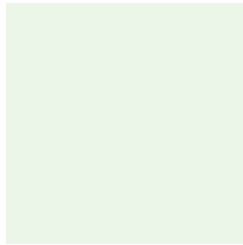
146, 0, 186



46, 0, 59

Previews

White Background



This preview shows how the RYB color 232, 246, 243 looks on a white background.

Color Contrast Check

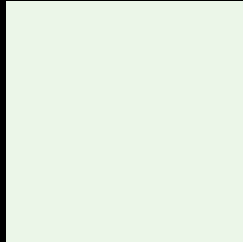
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 232, 246, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

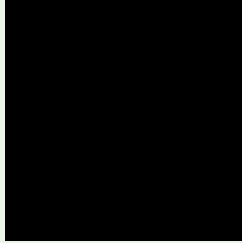
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

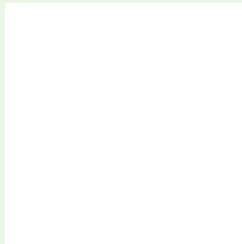
Any Text WCAG AAA ✓ Pass

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

RYB 232, 246, 243 Background



This preview shows how black text looks on a background with the RYB color 232, 246, 243.

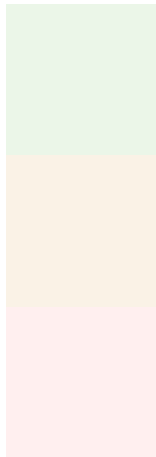


This preview shows how white text looks on a background with the RYB color 232, 246, 243.

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, 246, 243

Protanopia
243, 250, 230

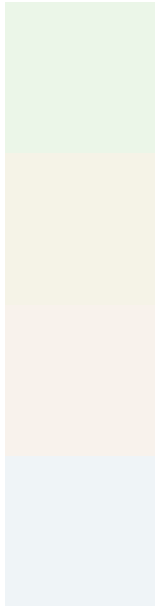
Deuteranopia
255, 239, 239



Tritanopia

241, 242, 255

Trichromacy



Original Color

232, 246, 243

Protanomaly

233, 245, 231

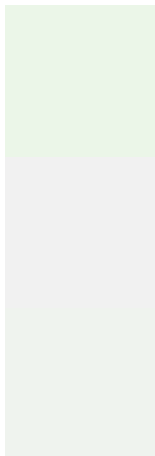
Deuteranomaly

248, 248, 236

Tritanomaly

239, 242, 247

Monochromacy



Original Color

232, 246, 243

Achromatopsia

241, 241, 241

Achromatomaly

238, 243, 242

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 246, 243 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(235, 246, 232) looks like.

```
.text, #text, p{  
    color:rgb(235, 246, 232)  
}
```

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(235, 246, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 246, 232) }
```

Border

The CSS property to change the border of an element to RYB 232, 246, 243 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(235, 246, 232) }
```

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

```
.border{ border-color:rgb(235, 246, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 246, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 246, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 246, 232);  
box-shadow:4px 4px 4px 4px rgb(235, 246,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 232, 246, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 246, 232) }
```

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

```
.background{ background-color: rgb(235,  
246, 232) }
```

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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