

Converting Colors

`RYB(238, 235, 242)`

Have a look what the booklet for
RYB(238, 235, 242) contains.

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Color

R_YB(238, 235, 242)

Conversions

Conversions Part 1

Format	Color
Hex	EEEEBF2
RGB	238, 235, 242
RGB Percent	93%, 92%, 95%
CMY	0.0667, 0.0784, 0.0510
CMYK	0.02, 0.03, 0.00, 0.05
HSL	266°, 21%, 94%
HSV	266°, 3%, 95%
XYZ	80.9952, 84.0046, 95.9500
YIQ	236.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

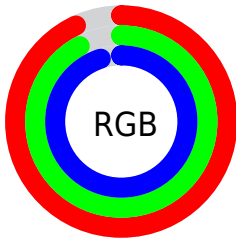
Format	Color
R _Y B	238, 235, 242
Decimal	15657970
CIE Lab	93.45, 2.26, -3.03
CIE LCh	93, 3.782, 306.643
Yxy	84.0046, 0.3104, 0.3219
Android (android.graphics.Color)	4293848050 (0xFFEEEEBF2)
YUV	236.6950, 2.6154, 1.1445
Hunter-Lab	91.6540, -2.6530, 2.0888

Details

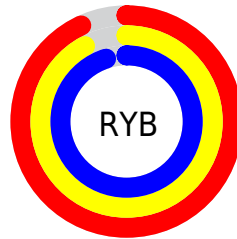
The RYB color **238, 235, 242** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **235, 242, 238**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is 255, 255, 255, and **182, 179, 186** is the 20% darker color. If you saturate the color by 10%, you get **224, 211, 242**, and if you desaturate by 10%, it is 242, 255, 245.

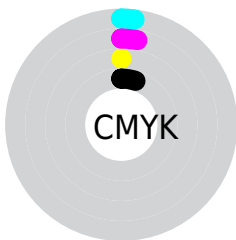
Distribution



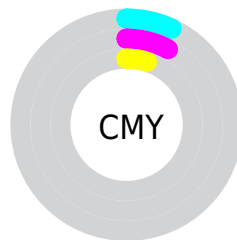
- Red (93%)
- Green (92%)
- Blue (95%)



- Red (93%)
- Yellow (92%)
- Blue (95%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 235, 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 RYB color 238, 235, 242 by changing the saturation by 10% instead.

■ 238, 235, 242

255, 255, 255

■ 238, 235, 242

■ 210, 207, 214

■ 182, 179, 186

■ 155, 153, 159

■ 129, 127, 133

■ 104, 102, 108

■ 80, 78, 83

■ 57, 55, 60

■ 36, 34, 39


■ 14, 11, 18

 238, 235, 242

 238, 235, 242


 224, 211, 242


 242, 255, 245


 210, 187, 242


 242, 255, 242

 197, 162, 242


 183, 138, 242

 169, 114, 242

 155, 90, 242

 141, 66, 242

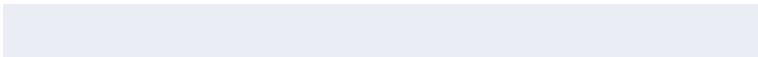
 127, 41, 242

 114, 17, 242

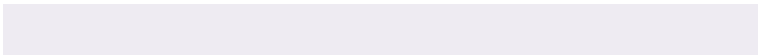
Harmonies

Analogous

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



234, 236, 243



238, 235, 242



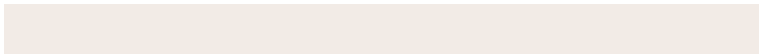
242, 234, 239

Triad

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



238, 235, 242



242, 239, 230



228, 233, 238

Complementary

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



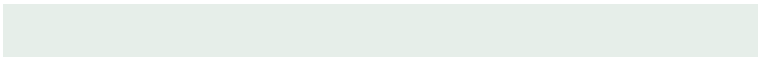
238, 235, 242



235, 242, 238

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.



230, 236, 238



238, 235, 242



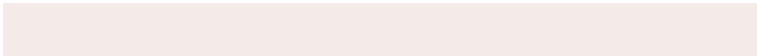
233, 239, 229

Square

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



238, 235, 242



244, 234, 232



230, 237, 233



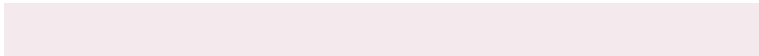
228, 233, 240

Rectangle

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



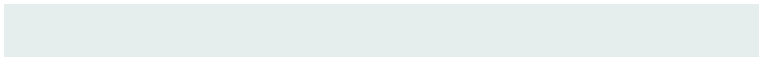
238, 235, 242



244, 234, 237



230, 237, 233



229, 234, 238

Sweetspot

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



238, 235, 242



254, 252, 255



235, 238, 242



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



238, 235, 242



251, 247, 255



241, 235, 242



117, 115, 120



79, 0, 184



24, 0, 56

Inverse Universe

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



242, 235, 239



255, 247, 252



235, 242, 241



120, 115, 118



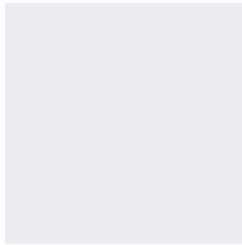
184, 0, 105



56, 0, 32

Previews

White Background



This preview shows how the RYB color 238, 235, 242 looks on a white background.

Color Contrast Check

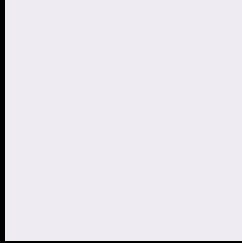
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 238, 235, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

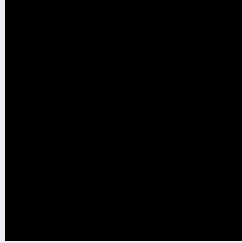
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

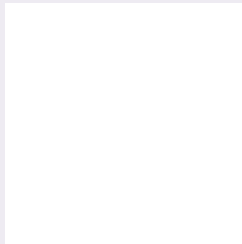
Any Text WCAG AAA ✓ Pass

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

RYB 238, 235, 242 Background



This preview shows how black text looks on a background with the RYB color 238, 235, 242.

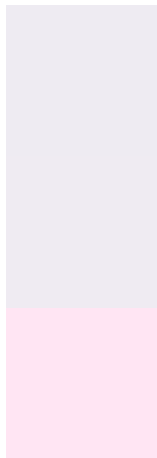


This preview shows how white text looks on a background with the RYB color 238, 235, 242.

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
238, 235, 242

Protanopia
239, 235, 242

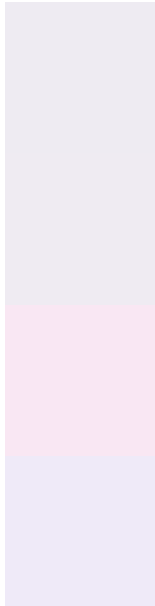
Deuteranopia
255, 229, 243



Tritanopia

240, 233, 252

Trichromacy



Original Color

238, 235, 242

Protanomaly

239, 235, 242

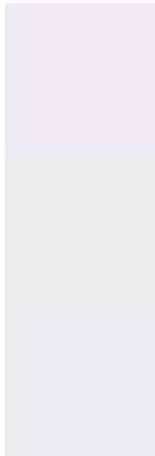
Deuteranomaly

249, 231, 243

Tritanomaly

239, 234, 248

Monochromacy



Original Color

238, 235, 242

Achromatopsia

237, 237, 237

Achromatomaly

237, 236, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 235, 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(238, 235, 242) looks like.

```
.text, #text, p{  
  color:rgb(238, 235, 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(238, 235, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 235, 242) }
```

Border

The CSS property to change the border of an element to RYB 238, 235, 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(238, 235, 242) }
```

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

```
.border{ border-color:rgb(238, 235, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 235, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 235, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 235, 242);  
box-shadow:4px 4px 4px 4px rgb(238, 235,  
242) }
```

Background

The CSS property to change the background color of an element to RYB 238, 235, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 235, 242) }
```

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

```
.background{ background-color: rgb(238,  
235, 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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