

Converting Colors

`RYB(245, 242, 250)`

Have a look what the booklet for RYB(245, 242, 250) contains.

RYB(245, 242, 250)	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

R_YB(245, 242, 250)

Conversions

Conversions Part 1

Format	Color
Hex	F5F2FA
RGB	245, 242, 250
RGB Percent	96%, 95%, 98%
CMY	0.0392, 0.0510, 0.0196
CMYK	0.02, 0.03, 0.00, 0.02
HSL	263°, 44%, 96%
HSV	263°, 3%, 98%
XYZ	86.6636, 89.8189, 103.2116
YIQ	243.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

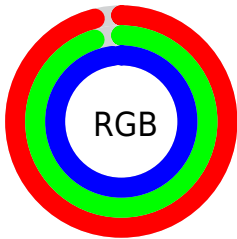
Format	Color
R_{YB}	245, 242, 250
Decimal	16118522
CIE Lab	95.92, 2.42, -3.50
CIE LCh	96, 4.255, 304.730
Yxy	89.8189, 0.3099, 0.3211
Android (android.graphics.Color)	4294308602 (0xFF5F2FA)
YUV	243.8090, 3.0522, 1.0445
Hunter-Lab	94.7728, -2.6257, 1.7717

Details

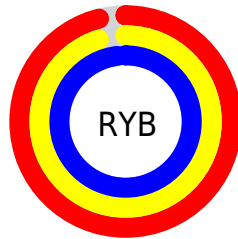
The RYB color `245, 242, 250` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `242, 250, 245`, and the grayscale version is `244, 244, 244`.

A 20% lighter version of the original color is `255, 255, 255`, and `189, 186, 194` is the 20% darker color. If you saturate the color by 10%, you get `229, 217, 250`, and if you desaturate by 10%, it is `250, 255, 250`.

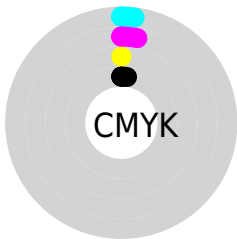
Distribution



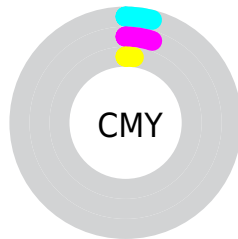
- Red (96%)
- Green (95%)
- Blue (98%)



- Red (96%)
- Yellow (95%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 242, 250 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 245, 242, 250 by changing the saturation by 10% instead.

■ 245, 242, 250

255, 255, 255

■ 245, 242, 250

■ 217, 214, 221

■ 189, 186, 194

■ 162, 159, 166

■ 136, 133, 140

■ 110, 108, 115

■ 86, 83, 90

■ 63, 60, 67

■ 41, 39, 45


■ 21, 18, 24

 245, 242, 250

 245, 242, 250


 229, 217, 250


 250, 255, 250


 214, 192, 250

 198, 167, 250


 183, 142, 250

 167, 117, 250

 151, 92, 250

 136, 67, 250

 120, 42, 250

 104, 17, 250

Harmonies

Analogous

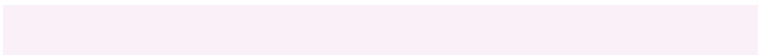
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240, 242, 251



245, 242, 250



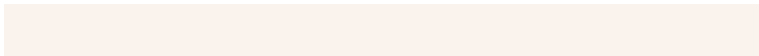
249, 241, 247

Triad

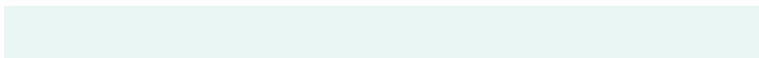
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 242, 250



250, 247, 236



234, 241, 246

Complementary

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



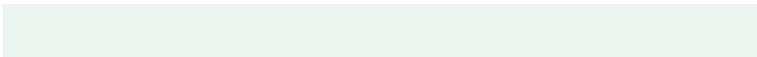
245, 242, 250



242, 250, 245

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, 245



245, 242, 250



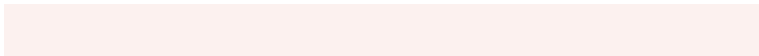
239, 246, 235

Square

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



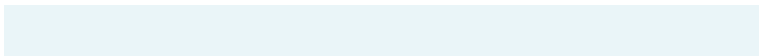
245, 242, 250



252, 241, 239



236, 244, 239



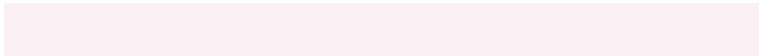
234, 240, 248

Rectangle

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



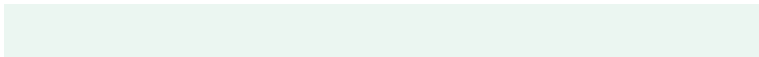
245, 242, 250



251, 241, 244



236, 244, 239



235, 242, 246

Sweetspot

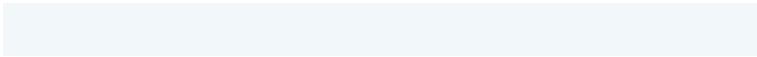
The Sweet Spot groups the original color and five complimentary colors.



245, 242, 250



253, 252, 255



242, 245, 250



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



245, 242, 250



249, 245, 255



249, 242, 250



121, 119, 125



71, 0, 189



23, 0, 61

Inverse Universe

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



250, 242, 247



255, 245, 251



242, 250, 249



125, 119, 123



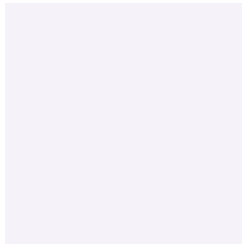
189, 0, 118



61, 0, 38

Previews

White Background



This preview shows how the RYB color 245, 242, 250 looks on a white background.

Color Contrast Check

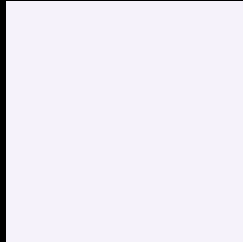
Large Text (above 18pt) WCAG AA × Fail

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 245, 242, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

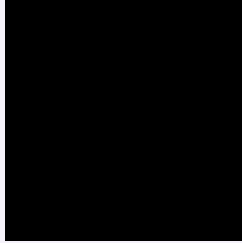
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

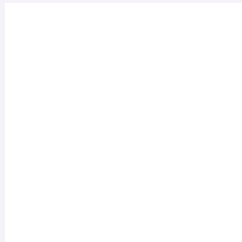
Any Text WCAG AAA ✓ Pass

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

RYB 245, 242, 250 Background



This preview shows how black text looks on a background with the RYB color 245, 242, 250.

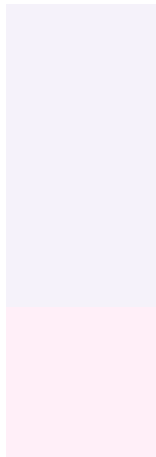


This preview shows how white text looks on a background with the RYB color 245, 242, 250.

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
245, 242, 250

Protanopia
245, 242, 250

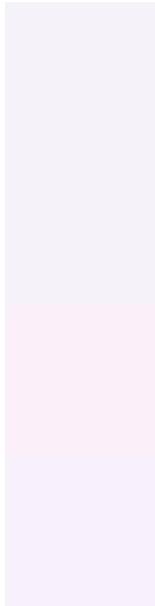
Deuteranopia
255, 239, 248



Tritanopia

246, 241, 255

Trichromacy



Original Color

245, 242, 250

Protanomaly

245, 242, 250

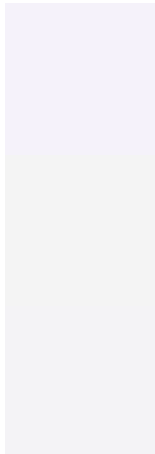
Deuteranomaly

251, 240, 249

Tritanomaly

246, 241, 253

Monochromacy



Original Color

245, 242, 250

Achromatopsia

244, 244, 244

Achromatomaly

244, 243, 246

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 242, 250 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(245, 242, 250) looks like.

```
.text, #text, p{  
    color:rgb(245, 242, 250)  
}
```

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(245, 242, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 242, 250) }
```

Border

The CSS property to change the border of an element to RYB 245, 242, 250 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(245, 242, 250) }
```

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

```
.border{ border-color:rgb(245, 242, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 242, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 242, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 242, 250);  
box-shadow:4px 4px 4px 4px rgb(245, 242,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 245, 242, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 242, 250) }
```

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

```
.background{ background-color: rgb(245,  
242, 250) }
```

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