

# Converting Colors

`RYB(250, 245, 252)`

Have a look what the booklet for RYB(250, 245, 252) contains.

<b>RYB(250, 245, 252)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**R<sub>Y</sub>B(250, 245, 252)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAF5FC
RGB	250, 245, 252
RGB Percent	98%, 96%, 99%
CMY	0.0196, 0.0392, 0.0118
CMYK	0.01, 0.03, 0.00, 0.01
HSL	283°, 54%, 97%
HSV	283°, 3%, 99%
XYZ	89.6474, 92.6571, 105.2551
YIQ	247.2930, 0.7330, 3.2370

# Conversions

## Conversions Part 2

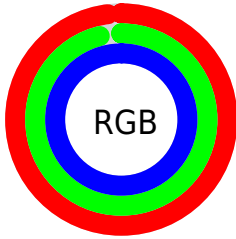
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	250, 245, 252
Decimal	16446972
CIE Lab	97.09, 2.90, -2.77
CIE LCh	97, 4.011, 316.246
Yxy	92.6571, 0.3118, 0.3222
Android (android.graphics.Color)	4294637052 (0xFFFAF5FC)
YUV	247.2930, 2.3206, 2.3740
Hunter-Lab	96.2585, -2.2120, 2.5496

# Details

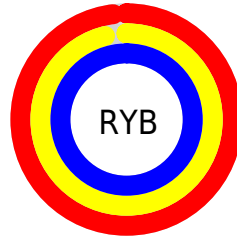
The RYB color 250, 245, 252 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 245, 252, 250, and the grayscale version is 247, 247, 247.

A 20% lighter version of the original color is 255, 255, 255, and 194, 189, 195 is the 20% darker color. If you saturate the color by 10%, you get 243, 220, 252, and if you desaturate by 10%, it is 252, 255, 252.

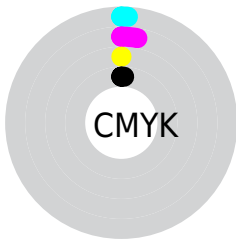
# Distribution



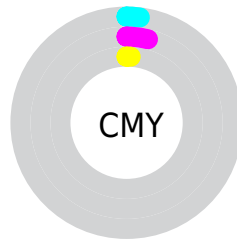
- Red (98%)
- Green (96%)
- Blue (99%)



- Red (98%)
- Yellow (96%)
- Blue (99%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (2%)
- Magenta (4%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 250, 245, 252 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 250, 245, 252 by changing the saturation by 10% instead.





 250, 245, 252


255, 255, 255

 250, 245, 252

 221, 217, 223

 194, 189, 195

 166, 162, 168

 140, 136, 142

 115, 110, 116

 90, 86, 92

 67, 63, 68

 45, 41, 46


 24, 20, 25


 250, 245, 252


 250, 245, 252


 243, 220, 252

252, 255, 252


 236, 195, 252

 228, 169, 252


 221, 144, 252

 214, 119, 252

 207, 94, 252

 200, 69, 252

 192, 43, 252

 185, 18, 252

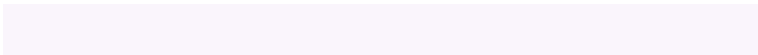
# Harmonies

## Analogous

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



245, 246, 254



250, 245, 252



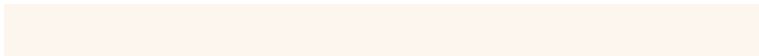
254, 244, 249

# Triad

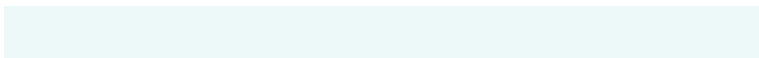
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250, 245, 252



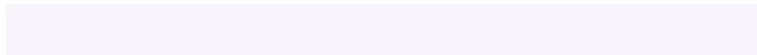
250, 252, 239



237, 243, 249

# Complementary

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



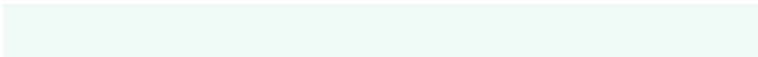
250, 245, 252



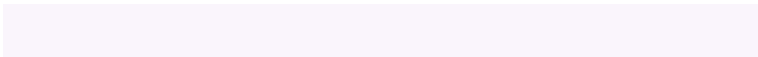
245, 252, 250

# 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.



239, 245, 249



250, 245, 252



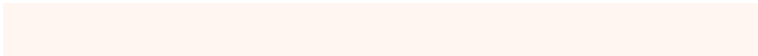
240, 248, 239

# Square

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



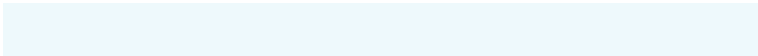
250, 245, 252



255, 247, 241



241, 248, 246



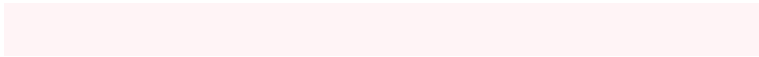
238, 244, 252

# Rectangle

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



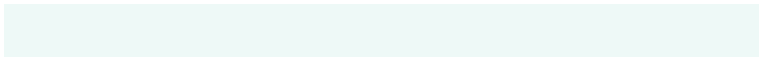
250, 245, 252



255, 244, 246



241, 248, 246



238, 244, 249



# Sweetspot

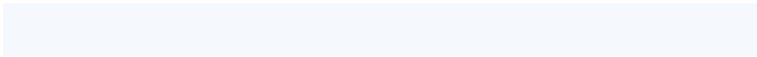
The Sweet Spot groups the original color and five complimentary colors.



250, 245, 252



254, 252, 255



245, 247, 252



127, 126, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



250, 245, 252



253, 247, 255



252, 245, 251



124, 120, 125



135, 0, 189



44, 0, 61



# Inverse Universe

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



252, 245, 247



255, 247, 250



245, 251, 252



125, 120, 121



189, 0, 54

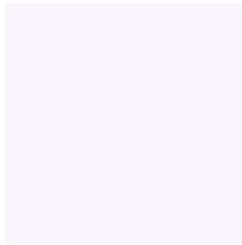


61, 0, 17



# Previews

## White Background



This preview shows how the RYB color 250, 245, 252 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 250, 245, 252 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 250, 245, 252 Background**



This preview shows how black text looks on a background with the RYB color 250, 245, 252.

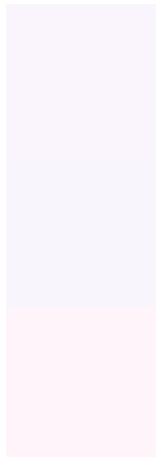


This preview shows how white text looks on a background with the RYB color 250, 245, 252.

# 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**  
250, 245, 252

**Protanopia**  
249, 245, 252

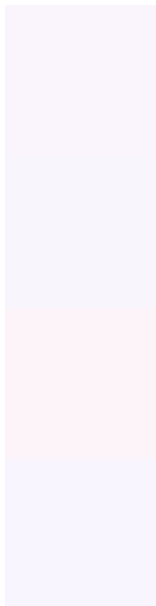
**Deuteranopia**  
255, 244, 249



# Tritanopia

249, 245, 255

# Trichromacy



## Original Color

250, 245, 252

## Protanomaly

249, 245, 252

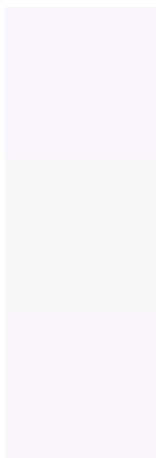
## Deuteranomaly

253, 244, 250

## Tritanomaly

249, 245, 254

# Monochromacy



## Original Color

250, 245, 252

## Achromatopsia

247, 247, 247

## Achromatomaly

248, 246, 249

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 250, 245, 252 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(250, 245, 252) looks like.

```
.text, #text, p{  
    color:rgb(250, 245, 252)  
}
```

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(250, 245, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 245, 252) }
```

## Border

The CSS property to change the border of an element to RYB 250, 245, 252 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(250, 245, 252) }
```

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

```
.border{ border-color:rgb(250, 245, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 245, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 245, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 245, 252);  
box-shadow:4px 4px 4px 4px rgb(250, 245,  
252) }
```

# Background

The CSS property to change the background color of an element to RYB 250, 245, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 245, 252) }
```

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

```
.background{ background-color: rgb(250,  
245, 252) }
```

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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