

# Converting Colors

`RYB(241, 243, 255)`

Have a look what the booklet for RYB(241, 243, 255) contains.

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# **Color**

**RYB(241, 243, 255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1F3FF
RGB	241, 243, 255
RGB Percent	95%, 95%, 100%
CMY	0.0549, 0.0458, 0.0000
CMYK	0.05, 0.05, 0.00, 0.00
HSL	230°, 100%, 97%
HSV	230°, 5%, 100%
XYZ	86.4761, 90.2217, 107.4645
YIQ	243.7700, -5.0440, 3.3080

# Conversions

## Conversions Part 2

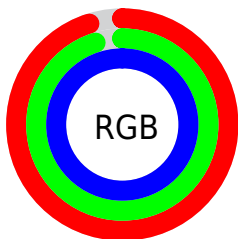
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 243, 255
Decimal	15856639
CIE Lab	96.09, 1.35, -5.87
CIE LCh	96, 6.026, 282.988
Yxy	90.2217, 0.3043, 0.3175
Android (android.graphics.Color)	4294046719 (0xFFFF1F3FF)
YUV	243.7700, 5.5364, -2.4293
Hunter-Lab	94.9851, -3.7144, -0.5901

# Details

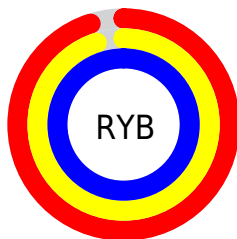
The RYB color **241, 243, 255** is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be **243, 255, 241**, and the grayscale version is **244, 244, 244**.

A 20% lighter version of the original color is **255, 255, 255**, and **185, 187, 198** is the 20% darker color. If you saturate the color by 10%, you get **216, 221, 255**, and if you desaturate by 10%, it is **255, 255, 255**.

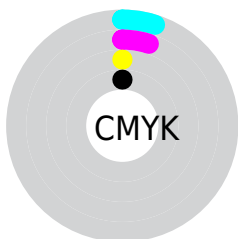
# Distribution



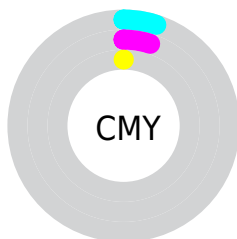
- Red (95%)
- Green (95%)
- Blue (100%)



- Red (95%)
- Yellow (95%)
- Blue (100%)



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



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 241, 243, 255 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 241, 243, 255 by changing the saturation by 10% instead.



241, 243, 255

255, 255, 255

241, 243, 255

213, 215, 226

185, 187, 198

158, 160, 171

132, 134, 145

107, 109, 119

82, 84, 94

59, 61, 71

38, 40, 48

17, 19, 27

241, 243, 255

241, 243, 255

216, 221, 255

255, 255, 255

190, 199, 255

164, 178, 255

139, 155, 255

114, 134, 255

88, 112, 255

62, 90, 255

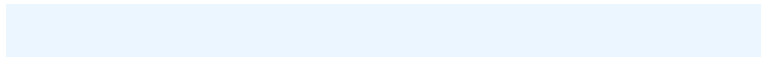
37, 68, 255

11, 46, 255

# Harmonies

## Analogous

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



235, 242, 255



241, 243, 255



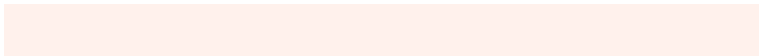
248, 241, 252

# Triad

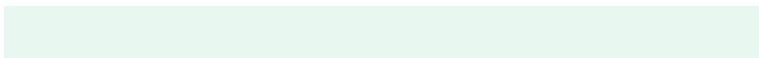
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241, 243, 255



255, 243, 236



233, 242, 247

# Complementary

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



241, 243, 255



243, 255, 241

# Split Complementary

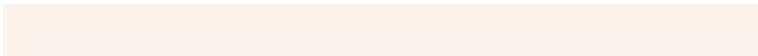
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235, 246, 242



241, 243, 255



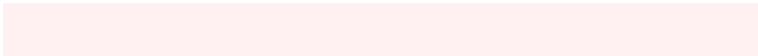
252, 250, 233

# Square

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



241, 243, 255



255, 240, 241



234, 246, 232



230, 239, 247

# Rectangle

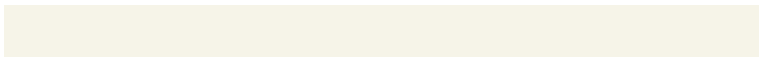
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



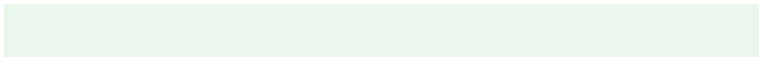
241, 243, 255



252, 241, 249



234, 246, 232



235, 245, 247



# Sweetspot

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



241, 243, 255



250, 251, 255



241, 249, 255



125, 125, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



241, 243, 255



237, 240, 255



245, 241, 255



117, 119, 128



0, 27, 191



0, 9, 64



# Inverse Universe

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



255, 241, 243



255, 237, 240



241, 255, 245



128, 117, 119



191, 0, 32

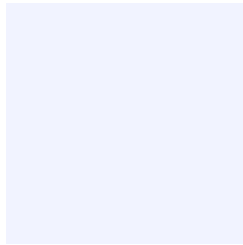


64, 0, 11



# Previews

## White Background



This preview shows how the RYB color 241, 243, 255 looks on a white background.

## Color Contrast Check

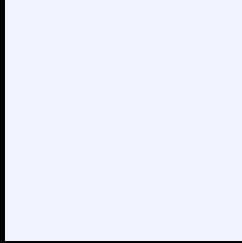
Large Text (above 18pt) WCAG AA × Fail

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 241, 243, 255 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 241, 243, 255 Background



This preview shows how black text looks on a background with the RYB color 241, 243, 255.

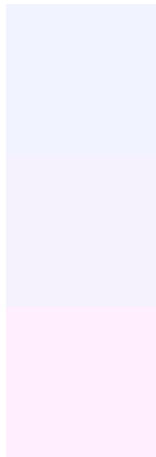


This preview shows how white text looks on a background with the RYB color 241, 243, 255.

# 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**  
241, 243, 255

**Protanopia**  
245, 242, 254

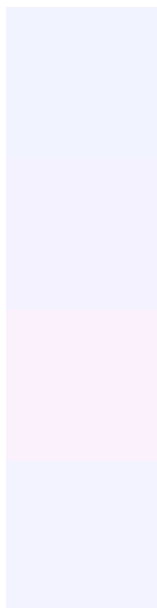
**Deuteranopia**  
255, 239, 252



# Tritanopia

243, 243, 255

# Trichromacy



## Original Color

241, 243, 255

## Protanomaly

244, 242, 254

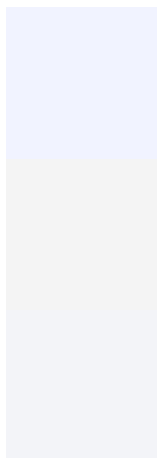
## Deuteranomaly

250, 241, 253

## Tritanomaly

242, 243, 255

# Monochromacy



## Original Color

241, 243, 255

## Achromatopsia

244, 244, 244

## Achromatomaly

243, 244, 248

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 241, 243, 255 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(241, 243, 255) looks like.

```
.text, #text, p{  
    color:rgb(241, 243, 255)  
}
```

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(241, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 243, 255) }
```

## Border

The CSS property to change the border of an element to RYB 241, 243, 255 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(241, 243, 255) }
```

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

```
.border{ border-color:rgb(241, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 243,  
255) }
```

# Background

The CSS property to change the background color of an element to RYB 241, 243, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 243, 255) }
```

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

```
.background{ background-color: rgb(241,  
243, 255) }
```

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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