

# Converting Colors

`RYB(250, 252, 255)`

Have a look what the booklet for RYB(250, 252, 255) contains.

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# Color

**R<sub>Y</sub>B(250, 252, 255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAFDFF
RGB	250, 253, 255
RGB Percent	98%, 99%, 100%
CMY	0.0196, 0.0065, 0.0000
CMYK	0.02, 0.01, 0.00, 0.00
HSL	200°, 100%, 99%
HSV	200°, 2%, 100%
XYZ	92.7049, 98.0052, 108.6386
YIQ	252.3310, -2.4300, -0.0140

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 252, 255
Decimal	16449023
CIE <sub>Lab</sub>	99.22, -0.79, -1.19
CIE <sub>LCh</sub>	99, 1.430, 236.265
Yxy	98.0052, 0.3097, 0.3274
Android (android.graphics.Color)	4294639103 (0xFFFAFDFF)
YUV	252.3310, 1.3158, -2.0443
Hunter-Lab	98.9976, -6.0918, 4.2343

# Details

The RYB color 250, 252, 255 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 255, 253, 250, and the grayscale version is 253, 253, 253.

A 20% lighter version of the original color is 255, 255, 255, and 194, 195, 198 is the 20% darker color. If you saturate the color by 10%, you get 225, 237, 255, and if you desaturate by 10%, it is 255, 255, 255.

# Distribution



- Red (98%)
- Green (99%)
- Blue (100%)



- Red (98%)
- Yellow (99%)
- Blue (100%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 250, 252, 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 250, 252, 255 by changing the saturation by 10% instead.




 250, 252, 255


255, 255, 255

 250, 252, 255

 221, 223, 226

 194, 196, 198

 166, 168, 171


 140, 142, 145

 115, 116, 119

 90, 92, 94

 67, 68, 71

 45, 46, 48

 24, 25, 27

250, 252, 255

250, 252, 255

225, 237, 255

255, 255, 255

199, 221, 255

174, 206, 255

148, 191, 255

122, 175, 255

97, 160, 255

71, 145, 255

46, 129, 255

20, 114, 255

# Harmonies

## Analogous

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



250, 252, 254



250, 252, 255



251, 252, 255

# Triad

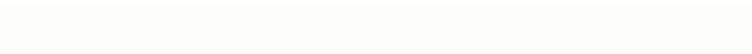
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250, 252, 255



255, 252, 253



250, 253, 250

# Complementary

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



250, 252, 255



255, 253, 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.



251, 254, 250



250, 252, 255



255, 252, 252

# Square

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



250, 252, 255



254, 252, 254



255, 253, 250



251, 253, 253

# Rectangle

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



250, 252, 255



252, 253, 255



255, 253, 250



250, 253, 250



# Sweetspot

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



250, 252, 255



252, 253, 255



250, 254, 255



126, 127, 128



0, 0, 0



128, 128, 128

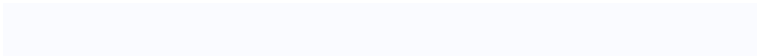


# Same Dimension

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



250, 252, 255



250, 251, 255



125, 126, 128



0, 77, 191



0, 26, 64

# Inverse Universe

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



255, 250, 253



251, 255, 250



128, 125, 127



191, 0, 128



64, 0, 43

# Previews

## White Background



This preview shows how the RYB color 250, 252, 255 looks on a white background.

## Color Contrast Check

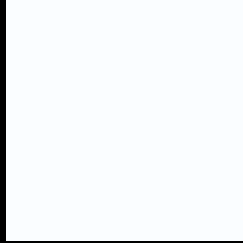
Large Text (above 18pt) WCAG AA × Fail

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 250, 252, 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 250, 252, 255 Background**



This preview shows how black text looks on a background with the RYB color 250, 252, 255.



This preview shows how white text looks on a background with the RYB color 250, 252, 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**  
250, 252, 255

**Protanopia**  
255, 252, 253

**Deuteranopia**  
255, 252, 253



# Tritanopia

253, 252, 255

# Trichromacy

## Original Color

250, 252, 255

## Protanomaly

253, 252, 254

## Deuteranomaly

253, 252, 254

## Tritanomaly

252, 252, 255

# Monochromacy

## Original Color

250, 252, 255

## Achromatopsia

253, 253, 253

## Achromatomaly

252, 253, 254

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 250, 252, 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(250, 253, 255) looks like.

```
.text, #text, p{  
    color:rgb(250, 253, 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(250, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 253, 255) }
```

## Border

The CSS property to change the border of an element to RYB 250, 252, 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(250, 253, 255) }
```

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

```
.border{ border-color:rgb(250, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 253,  
255) }
```

# Background

The CSS property to change the background color of an element to RYB 250, 252, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 253, 255) }
```

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

```
.background{ background-color: rgb(250,  
253, 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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