

Converting Colors

`RYB(246, 249, 253)`

Have a look what the booklet for RYB(246, 249, 253) contains.

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Color

RYB(246, 249, 253)

Conversions

Conversions Part 1

Format	Color
Hex	F6FBFD
RGB	246, 251, 253
RGB Percent	96%, 98%, 99%
CMY	0.0353, 0.0147, 0.0078
CMYK	0.03, 0.01, 0.00, 0.01
HSL	195°, 64%, 98%
HSV	195°, 3%, 99%
XYZ	90.3110, 95.8353, 106.6667
YIQ	249.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

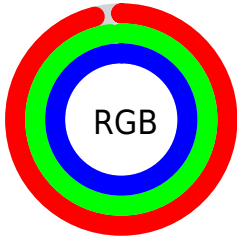
Format	Color
R _Y B	246, 249, 253
Decimal	16186365
CIE Lab	98.37, -1.41, -1.45
CIE LCh	98, 2.020, 225.858
Yxy	95.8353, 0.3084, 0.3273
Android (android.graphics.Color)	4294376445 (0xFFFF6FBFD)
YUV	249.7330, 1.6106, -3.2738
Hunter-Lab	97.8955, -6.6466, 3.9247

Details

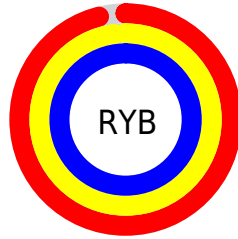
The RYB color 246, 249, 253 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 253, 249, 246, and the grayscale version is 250, 250, 250.

A 20% lighter version of the original color is 255, 255, 255, and 190, 193, 196 is the 20% darker color. If you saturate the color by 10%, you get 221, 235, 253, and if you desaturate by 10%, it is 253, 255, 253.

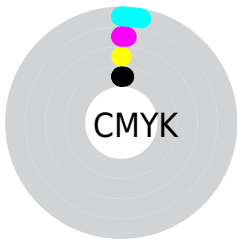
Distribution



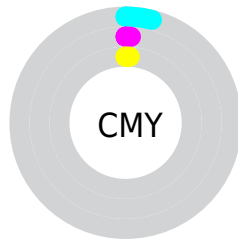
- Red (96%)
- Green (98%)
- Blue (99%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 246, 249, 253 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 246, 249, 253 by changing the saturation by 10% instead.

 246, 249, 253

255, 255, 255


 246, 249, 253

 218, 221, 224

 190, 193, 196

 163, 166, 169


 136, 139, 143

 111, 114, 117

 87, 89, 93

 63, 66, 69

 42, 44, 47

 21, 23, 26

246, 249, 253

246, 249, 253

221, 235, 253

253, 255, 253

195, 220, 253

170, 205, 253

145, 191, 253

119, 177, 253

94, 162, 253

69, 148, 253

44, 134, 253

18, 119, 253

Harmonies

Analogous

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



246, 249, 252



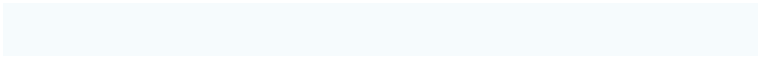
246, 249, 253



247, 250, 254

Triad

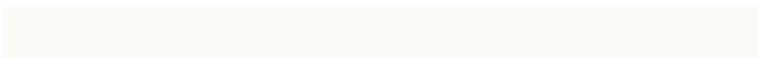
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246, 249, 253



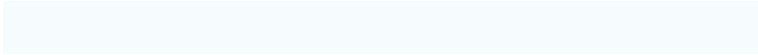
254, 249, 251



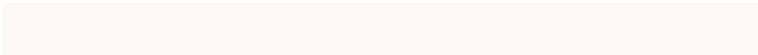
247, 251, 246

Complementary

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



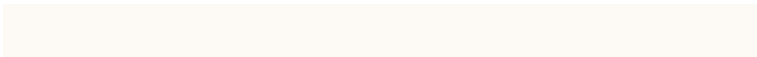
246, 249, 253



253, 249, 246

Split Complementary

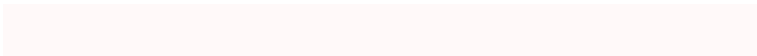
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251, 253, 246



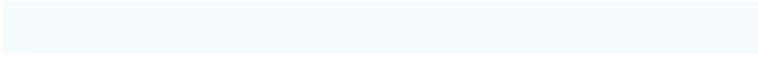
246, 249, 253



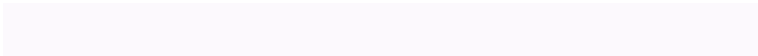
255, 249, 249

Square

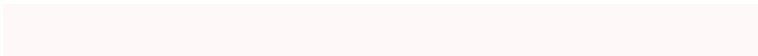
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246, 249, 253



252, 249, 253



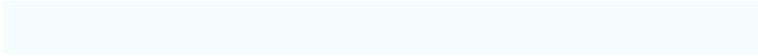
254, 249, 248



247, 251, 249

Rectangle

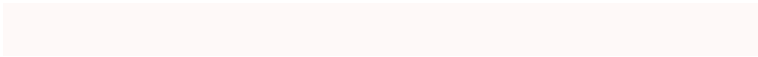
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



246, 249, 253



249, 250, 254



254, 249, 248



249, 252, 246

Sweetspot

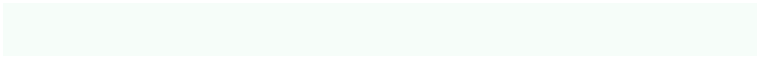
The Sweet Spot groups the original color and five complimentary colors.



246, 249, 253



252, 253, 255



246, 251, 253



126, 127, 128



0, 0, 0



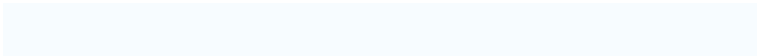
128, 128, 128

Same Dimension

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



246, 249, 253



247, 250, 255



246, 248, 253



122, 124, 128



0, 82, 191



0, 27, 64

Inverse Universe

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



253, 246, 251



255, 247, 253



249, 253, 246



128, 122, 126



191, 0, 143



64, 0, 48

Previews

White Background



This preview shows how the RYB color 246, 249, 253 looks on a white background.

Color Contrast Check

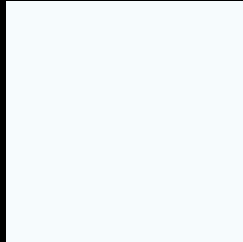
Large Text (above 18pt) WCAG AA × Fail

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 246, 249, 253 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 246, 249, 253 Background



This preview shows how black text looks on a background with the RYB color 246, 249, 253.



This preview shows how white text looks on a background with the RYB color 246, 249, 253.

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
246, 249, 253

Protanopia
254, 249, 252

Deuteranopia
255, 249, 251



Tritanopia
250, 250, 255

Trichromacy



Original Color

246, 249, 253

Protanomaly

251, 250, 252

Deuteranomaly

252, 250, 252

Tritanomaly

249, 250, 254

Monochromacy



Original Color

246, 249, 253

Achromatopsia

250, 250, 250

Achromatomaly

249, 250, 251

CSS Examples

Text

The CSS property to change the color of the text to RYB 246, 249, 253 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(246, 251, 253) looks like.

```
.text, #text, p{  
    color:rgb(246, 251, 253)  
}
```

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(246, 251, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 251, 253) }
```

Border

The CSS property to change the border of an element to RYB 246, 249, 253 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(246, 251, 253) }
```

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

```
.border{ border-color:rgb(246, 251, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 251, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 251, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 251, 253); box-shadow:4px 4px 4px 4px rgb(246, 251, 253) }
```

Background

The CSS property to change the background color of an element to RYB 246, 249, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 251, 253) }
```

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

```
.background{ background-color: rgb(246,  
251, 253) }
```

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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