

Converting Colors

`RYB(253, 246, 252)`

Have a look what the booklet for RYB(253, 246, 252) contains.

RYB(253, 246, 252)	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(253, 246, 252)

Conversions

Conversions Part 1

Format	Color
Hex	FDF6FC
RGB	253, 246, 252
RGB Percent	99%, 96%, 99%
CMY	0.0078, 0.0353, 0.0118
CMYK	0.00, 0.03, 0.00, 0.01
HSL	309°, 64%, 98%
HSV	309°, 3%, 99%
XYZ	91.0345, 93.8225, 105.4070
YIQ	248.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

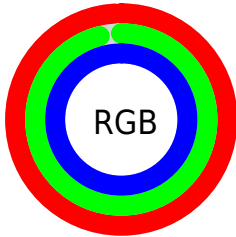
Format	Color
R _Y B	253, 246, 252
Decimal	16643836
CIE Lab	97.56, 3.38, -2.05
CIE LCh	98, 3.954, 328.688
Yxy	93.8225, 0.3136, 0.3232
Android (android.graphics.Color)	4294833916 (0xFFFD6FC)
YUV	248.7770, 1.5889, 3.7036
Hunter-Lab	96.8620, -1.7476, 3.2829

Details

The RYB color 253, 246, 252 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 246, 252, 253, and the grayscale version is 249, 249, 249.

A 20% lighter version of the original color is 255, 255, 255, and 196, 190, 195 is the 20% darker color. If you saturate the color by 10%, you get 253, 221, 248, and if you desaturate by 10%, it is 253, 254, 255.

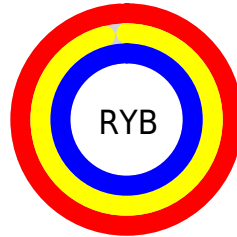
Distribution



Red (99%)

Green (96%)

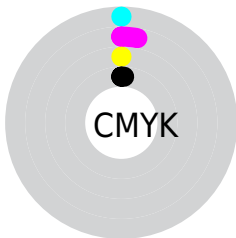
Blue (99%)



Red (99%)

Yellow (96%)

Blue (99%)

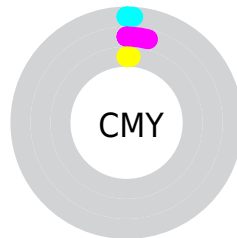


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (1%)



Cyan (1%)

Magenta (4%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 253, 246, 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 253, 246, 252 by changing the saturation by 10% instead.

 253, 246, 252

255, 255, 255

 253, 246, 252

 224, 218, 223

 196, 190, 195

 169, 163, 168

 143, 136, 142

 117, 111, 116

 93, 87, 92

 69, 63, 68

 47, 42, 46


 26, 21, 25


 253, 246, 252

 253, 246, 252


 253, 221, 248

253, 254, 255


 253, 195, 245


 253, 170, 241


 253, 145, 238

 253, 119, 234

 253, 94, 230

 253, 69, 227

 253, 44, 223

 253, 18, 219

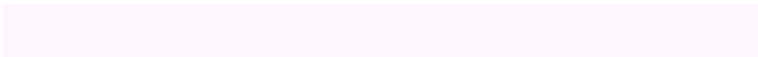
Harmonies

Analogous

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



249, 247, 255



253, 246, 252



255, 245, 248

Triad

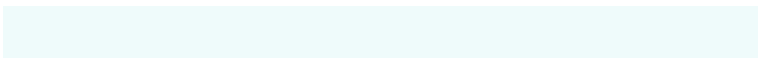
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



253, 246, 252



246, 252, 240



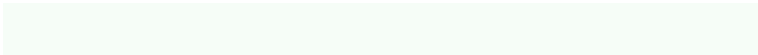
239, 245, 251

Complementary

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



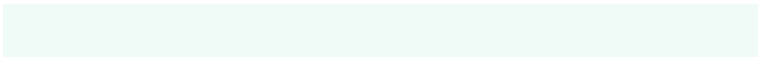
253, 246, 252



246, 252, 253

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.



240, 246, 250



253, 246, 252



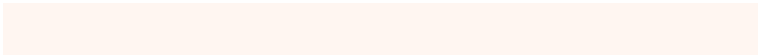
241, 249, 243

Square

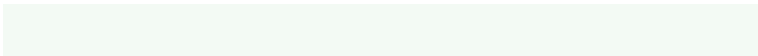
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



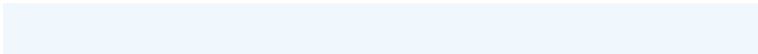
253, 246, 252



255, 249, 241



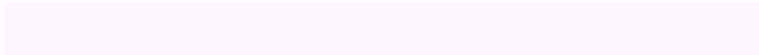
243, 249, 250



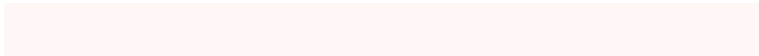
240, 245, 254

Rectangle

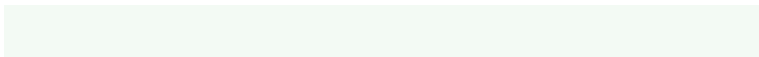
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



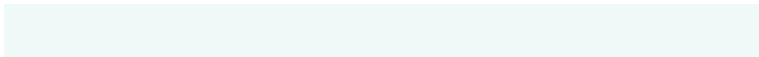
253, 246, 252



255, 246, 246



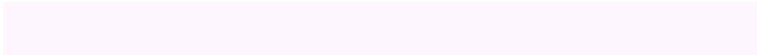
243, 249, 250



239, 245, 250

Sweetspot

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



253, 246, 252



255, 252, 255



247, 246, 253



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

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



253, 246, 252



255, 247, 254



253, 246, 249



128, 122, 127



191, 0, 164



64, 0, 55

Inverse Universe

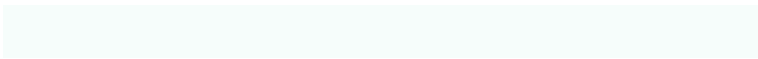
The Inverse Universe completely reimagines the original color for something new.



253, 246, 252



255, 247, 254



246, 250, 253



128, 122, 127



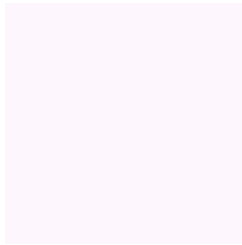
191, 0, 164



64, 0, 55

Previews

White Background



This preview shows how the RYB color 253, 246, 252 looks on a white background.

Color Contrast Check

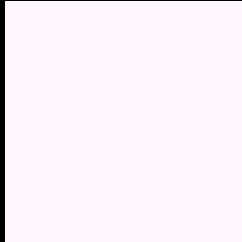
Large Text (above 18pt) WCAG AA × Fail

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 253, 246, 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 253, 246, 252 Background



This preview shows how black text looks on a background with the RYB color 253, 246, 252.

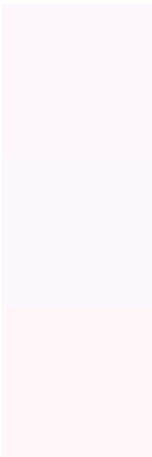


This preview shows how white text looks on a background with the RYB color 253, 246, 252.

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
[253](#), [246](#), [252](#)

Protanopia
[251](#), [247](#), [252](#)

Deuteranopia
[255](#), [246](#), [250](#)



Tritanopia

251, 246, 255

Trichromacy



Original Color

253, 246, 252

Protanomaly

252, 247, 252

Deuteranomaly

254, 246, 251

Tritanomaly

252, 246, 254

Monochromacy



Original Color

253, 246, 252

Achromatopsia

249, 249, 249

Achromatomaly

250, 248, 250

CSS Examples

Text

The CSS property to change the color of the text to RYB 253, 246, 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(253, 246, 252) looks like.

```
.text, #text, p{  
    color:rgb(253, 246, 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(253, 246, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 246, 252) }
```

Border

The CSS property to change the border of an element to RYB 253, 246, 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(253, 246, 252) }
```

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

```
.border{ border-color:rgb(253, 246, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 246, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 246, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 246, 252);  
box-shadow:4px 4px 4px 4px rgb(253, 246,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 253, 246, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 246, 252) }
```

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

```
.background{ background-color: rgb(253,  
246, 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](#).

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