

Converting Colors

`RYB(255, 242, 254)`

Have a look what the booklet for
RYB(255, 242, 254) contains.

RYB(255, 242, 254)	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(255, 242, 254)

Conversions

Conversions Part 1

Format	Color
Hex	FFF2FE
RGB	255, 242, 254
RGB Percent	100%, 95%, 100%
CMY	0.0000, 0.0510, 0.0039
CMYK	0.00, 0.05, 0.00, 0.00
HSL	305°, 100%, 97%
HSV	305°, 5%, 100%
XYZ	90.8815, 91.9200, 106.7183
YIQ	247.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 242, 254
Decimal	16773886
CIE _{Lab}	96.79, 6.43, -4.20
CIE _{LCh}	97, 7.685, 326.833
Yxy	91.9200, 0.3139, 0.3175
Android (android.graphics.Color)	4294963966 (0xFFFFF2FE)
YUV	247.2550, 3.3253, 6.7924
Hunter-Lab	95.8749, 1.4222, 1.1168

Details

The RYB color 255, 242, 254 is a light color, and the websafe version is hex FFFFFFF. A complement of this color would be 242, 254, 255, and the grayscale version is 247, 247, 247.

A 20% lighter version of the original color is 255, 255, 255, and 198, 186, 197 is the 20% darker color. If you saturate the color by 10%, you get 255, 217, 252, and if you desaturate by 10%, it is 255, 255, 255.

Distribution



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



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



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



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

Brightness & Saturation Gradients

These gradients show how the RYB color 255, 242, 254 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 255, 242, 254 by changing the saturation by 10% instead.


 255, 242, 254

 255, 242, 254

255, 255, 255

 226, 214, 225

 198, 186, 197


 171, 159, 170

 144, 133, 144

 119, 108, 118

 94, 83, 93

 70, 60, 70

 48, 39, 48

 27, 18, 27

 255, 242, 254


 255, 242, 254

 255, 217, 252


255, 255, 255


 255, 191, 250


 255, 165, 248


 255, 140, 246

 255, 114, 244

 255, 89, 242

 255, 63, 240

 255, 38, 238

 255, 12, 236

Harmonies

Analogous

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



246, 244, 255



255, 242, 254



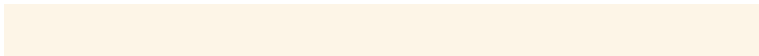
255, 241, 247

Triad

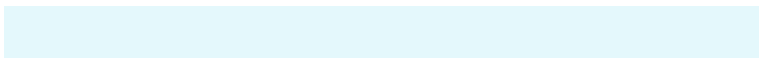
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



255, 242, 254



244, 253, 231



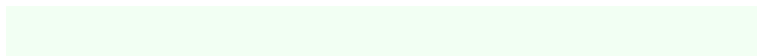
228, 239, 252

Complementary

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



255, 242, 254



242, 254, 255

Split Complementary

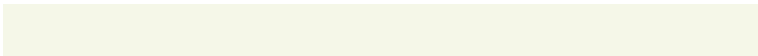
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230, 241, 250



255, 242, 254



232, 247, 234

Square

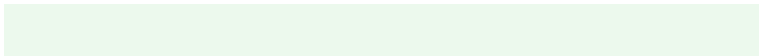
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



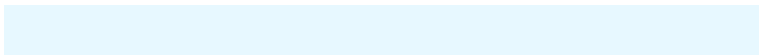
255, 242, 254



255, 251, 233



236, 248, 249



231, 241, 255

Rectangle

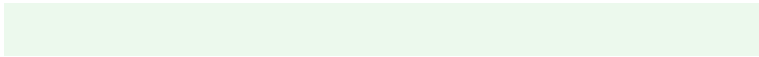
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



255, 242, 254



255, 241, 242



236, 248, 249



228, 239, 250

Sweetspot

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



255, 242, 254



255, 250, 255



243, 242, 255



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



255, 242, 254



255, 240, 254



255, 242, 248



128, 119, 127



191, 0, 177



64, 0, 59

Inverse Universe

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



255, 242, 254



255, 240, 254



242, 250, 255



128, 119, 127



191, 0, 177



64, 0, 59

Previews

White Background



This preview shows how the RYB color 255, 242, 254 looks on a white background.

Color Contrast Check

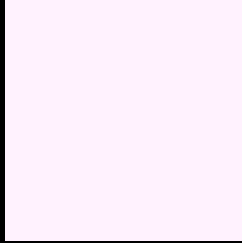
Large Text (above 18pt) WCAG AA × Fail

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 255, 242, 254 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 255, 242, 254 Background



This preview shows how black text looks on a background with the RYB color 255, 242, 254.



This preview shows how white text looks on a background with the RYB color 255, 242, 254.

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
255, 242, 254

Protanopia
247, 244, 255

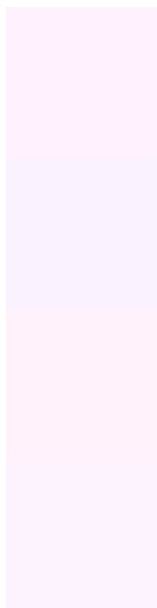
Deuteranopia
255, 242, 250



Tritanopia

252, 243, 255

Trichromacy



Original Color

255, 242, 254

Protanomaly

250, 243, 255

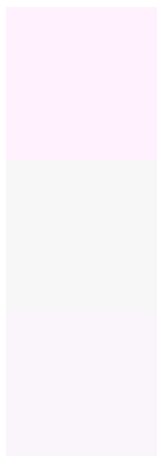
Deuteranomaly

255, 242, 251

Tritanomaly

253, 243, 255

Monochromacy



Original Color

255, 242, 254

Achromatopsia

247, 247, 247

Achromatomaly

250, 245, 250

CSS Examples

Text

The CSS property to change the color of the text to RYB 255, 242, 254 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(255, 242, 254) looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 254)  
}
```

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(255, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 254) }
```

Border

The CSS property to change the border of an element to RYB 255, 242, 254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

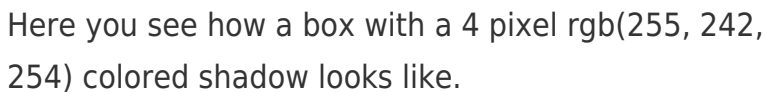
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 242, 254) }
```

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

```
.border{ border-color:rgb(255, 242, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 242, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 255, 242, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 254) }
```

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

```
.background{ background-color: rgb(255,  
242, 254) }
```

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