

Converting Colors

`RYB(242, 241, 253)`

Have a look what the booklet for RYB(242, 241, 253) contains.

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Color

R_YB(242, 241, 253)

Conversions

Conversions Part 1

Format	Color
Hex	F2F1FD
RGB	242, 241, 253
RGB Percent	95%, 95%, 99%
CMY	0.0510, 0.0549, 0.0078
CMYK	0.04, 0.05, 0.00, 0.01
HSL	245°, 75%, 97%
HSV	245°, 5%, 99%
XYZ	85.8029, 88.8797, 105.5617
YIQ	242.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

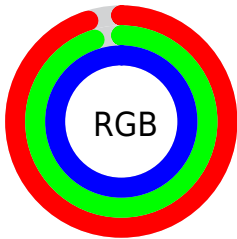
Format	Color
R _Y B	242, 241, 253
Decimal	15921661
CIE Lab	95.53, 2.50, -5.65
CIE LCh	96, 6.181, 293.870
Yxy	88.8797, 0.3062, 0.3172
Android (android.graphics.Color)	4294111741 (0xFFFF2F1FD)
YUV	242.6670, 5.0942, -0.5850
Hunter-Lab	94.2760, -2.5259, -0.3943

Details

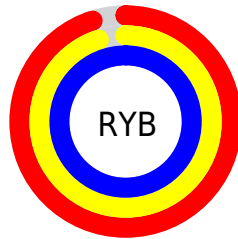
The RYB color **242, 241, 253** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **241, 253, 242**, and the grayscale version is **243, 243, 243**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 185, 196** is the 20% darker color. If you saturate the color by 10%, you get **219, 216, 253**, and if you desaturate by 10%, it is **253, 255, 253**.

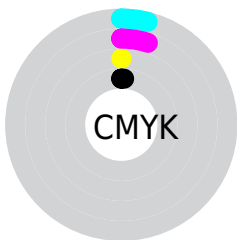
Distribution



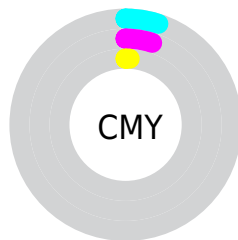
- Red (95%)
- Green (95%)
- Blue (99%)



- Red (95%)
- Yellow (95%)
- Blue (99%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 241, 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 242, 241, 253 by changing the saturation by 10% instead.

■ 242, 241, 253

255, 255, 255

■ 242, 241, 253

■ 214, 213, 224

■ 186, 185, 196

■ 159, 158, 169

■ 133, 132, 143

■ 108, 107, 117

■ 83, 83, 93

■ 60, 60, 69

■ 38, 38, 47

■ 18, 17, 26

242, 241, 253

242, 241, 253

219, 216, 253

253, 255, 253

196, 190, 253

172, 165, 253

149, 140, 253

126, 114, 253

103, 89, 253

80, 64, 253

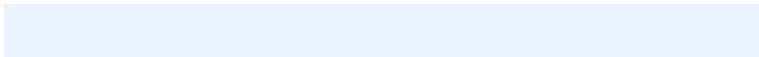
56, 39, 253

33, 13, 253

Harmonies

Analogous

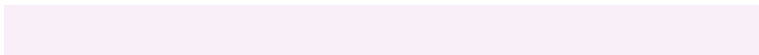
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235, 241, 254



242, 241, 253



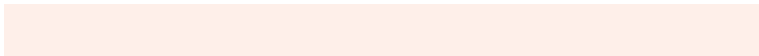
249, 239, 249

Triad

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



242, 241, 253



254, 241, 233



230, 239, 246

Complementary

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



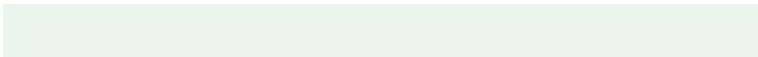
242, 241, 253



241, 253, 242

Split Complementary

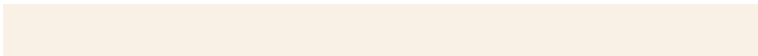
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235, 245, 245



242, 241, 253



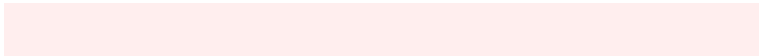
244, 249, 230

Square

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



242, 241, 253



255, 238, 238



231, 243, 232



228, 237, 247

Rectangle

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



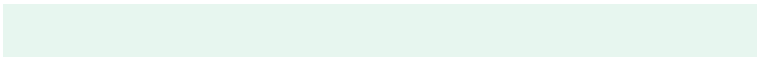
242, 241, 253



253, 239, 246



231, 243, 232



231, 241, 246

Sweetspot

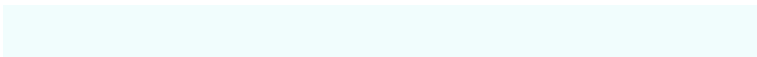
The Sweet Spot groups the original color and five complimentary colors.



242, 241, 253



253, 252, 255



241, 247, 253



126, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



242, 241, 253



241, 240, 255



248, 241, 253



119, 119, 128



16, 0, 191



5, 0, 64

Inverse Universe

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



253, 241, 252



255, 240, 254



241, 253, 248



128, 119, 127



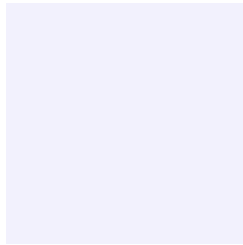
191, 0, 175



64, 0, 58

Previews

White Background



This preview shows how the RYB color 242, 241, 253 looks on a white background.

Color Contrast Check

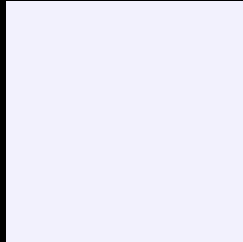
Large Text (above 18pt) WCAG AA × Fail

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 242, 241, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

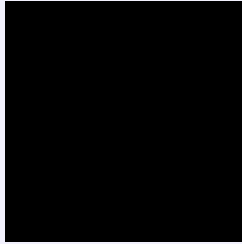
Any Text WCAG AA ✓ Pass

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](#).

R Y B 242, 241, 253 Background



This preview shows how black text looks on a background with the R Y B color 242, 241, 253.

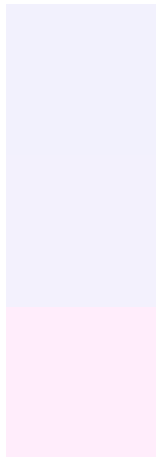


This preview shows how white text looks on a background with the R Y B color 242, 241, 253.

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
242, 241, 253

Protanopia
243, 241, 253

Deuteranopia
255, 237, 251



Tritanopia

243, 241, 255

Trichromacy



Original Color

242, 241, 253

Protanomaly

243, 241, 253

Deuteranomaly

250, 238, 252

Tritanomaly

243, 241, 254

Monochromacy



Original Color

242, 241, 253

Achromatopsia

243, 243, 243

Achromatomaly

243, 242, 247

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 241, 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(242, 241, 253) looks like.

```
.text, #text, p{  
    color:rgb(242, 241, 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(242, 241, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 241, 253) }
```

Border

The CSS property to change the border of an element to RYB 242, 241, 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(242, 241, 253) }
```

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

```
.border{ border-color:rgb(242, 241, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 241, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 241, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 241, 253);  
box-shadow:4px 4px 4px 4px rgb(242, 241,  
253) }
```

Background

The CSS property to change the background color of an element to RYB 242, 241, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 241, 253) }
```

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

```
.background{ background-color: rgb(242,  
241, 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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