

Converting Colors

`RYB(242, 229, 249)`

Have a look what the booklet for RYB(242, 229, 249) contains.

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Color

R_YB(242, 229, 249)

Conversions

Conversions Part 1

Format	Color
Hex	F2E5F9
RGB	242, 229, 249
RGB Percent	95%, 90%, 98%
CMY	0.0510, 0.1020, 0.0235
CMYK	0.03, 0.08, 0.00, 0.02
HSL	279°, 63%, 94%
HSV	279°, 8%, 98%
XYZ	81.7361, 81.7554, 101.0949
YIQ	235.1670, 1.3280, 8.9760

Conversions

Conversions Part 2

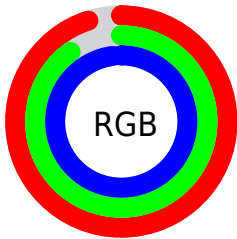
Format	Color
R _Y B	242, 229, 249
Decimal	15918585
CIE Lab	92.47, 7.95, -8.10
CIE LCh	92, 11.348, 314.448
Yxy	81.7554, 0.3089, 0.3090
Android (android.graphics.Color)	4294108665 (0xFF2E5F9)
YUV	235.1670, 6.8197, 5.9925
Hunter-Lab	90.4187, 3.1266, -2.9976

Details

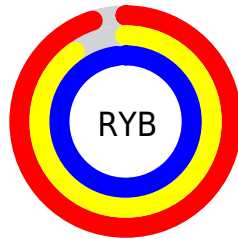
The RYB color **242, 229, 249** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **229, 249, 242**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **186, 174, 193** is the 20% darker color. If you saturate the color by 10%, you get **233, 204, 249**, and if you desaturate by 10%, it is **249, 254, 252**.

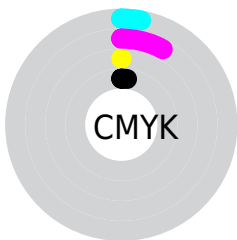
Distribution



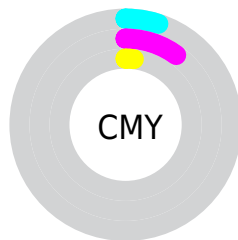
- Red (95%)
- Green (90%)
- Blue (98%)



- Red (95%)
- Yellow (90%)
- Blue (98%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (5%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 242, 229, 249 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, 229, 249 by changing the saturation by 10% instead.

 242, 229, 249

255, 255, 255

 242, 229, 249

 214, 201, 220

 186, 174, 193

 159, 147, 165

 133, 121, 139

 107, 96, 114

 83, 73, 89

 60, 50, 66

 38, 29, 44

 18, 4, 23

 242, 229, 249

 242, 229, 249


 233, 204, 249

 249, 254, 252


 225, 179, 249


 249, 255, 249

 216, 154, 249

 207, 129, 249

 198, 105, 249

 190, 80, 249

 181, 55, 249

 172, 30, 249

 164, 5, 249

Harmonies

Analogous

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



229, 232, 254



242, 229, 249



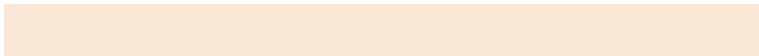
252, 227, 239

Triad

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



242, 229, 249



246, 248, 213



207, 224, 240

Complementary

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



242, 229, 249



229, 249, 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.



213, 231, 240



242, 229, 249



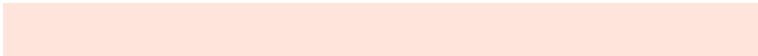
215, 237, 212

Square

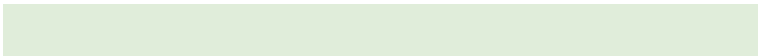
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242, 229, 249



255, 231, 219



218, 237, 231



208, 225, 248

Rectangle

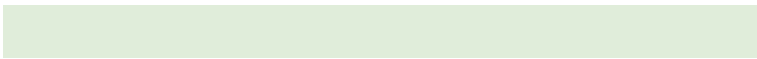
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242, 229, 249



255, 226, 232



218, 237, 231



208, 225, 240

Sweetspot

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



242, 229, 249



253, 250, 255



229, 234, 249



127, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



242, 229, 249



246, 230, 255



249, 229, 246



121, 112, 125



123, 0, 189



40, 0, 61

Inverse Universe

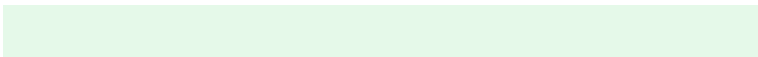
The Inverse Universe completely reimagines the original color for something new.



249, 229, 236



255, 230, 238



229, 246, 249



125, 112, 117



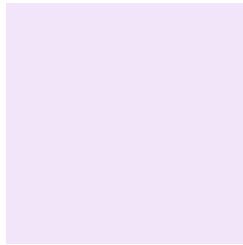
189, 0, 66



61, 0, 21

Previews

White Background



This preview shows how the RYB color 242, 229, 249 looks on a white background.

Color Contrast Check

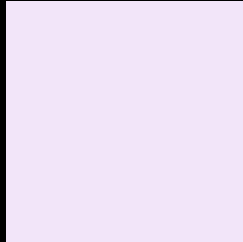
Large Text (above 18pt) WCAG AA × Fail

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, 229, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

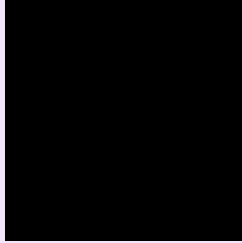
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

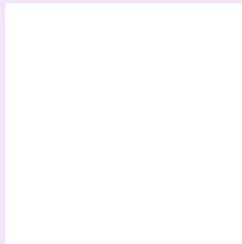
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 242, 229, 249 Background



This preview shows how black text looks on a background with the RYB color 242, 229, 249.



This preview shows how white text looks on a background with the RYB color 242, 229, 249.

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, 229, 249
	Protanopia 232, 232, 251
	Deuteranopia 249, 227, 249



Tritanopia

242, 229, 247

Trichromacy



Original Color

242, 229, 249

Protanomaly

236, 231, 250

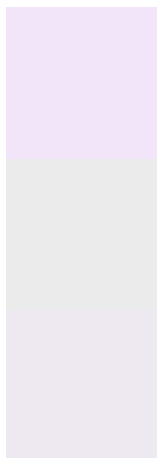
Deuteranomaly

246, 228, 249

Tritanomaly

242, 229, 248

Monochromacy



Original Color

242, 229, 249

Achromatopsia

235, 235, 235

Achromatomaly

238, 233, 240

CSS Examples

Text

The CSS property to change the color of the text to RYB 242, 229, 249 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, 229, 249) looks like.

```
.text, #text, p{  
    color:rgb(242, 229, 249)  
}
```

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, 229, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 229, 249) }
```

Border

The CSS property to change the border of an element to RYB 242, 229, 249 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, 229, 249) }
```

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

```
.border{ border-color:rgb(242, 229, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 229, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 229, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 229, 249); box-shadow:4px 4px 4px 4px rgb(242, 229, 249) }
```

Background

The CSS property to change the background color of an element to RYB 242, 229, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 229, 249) }
```

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

```
.background{ background-color: rgb(242,  
229, 249) }
```

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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