

Converting Colors

`RYB(215, 167, 249)`

Have a look what the booklet for RYB(215, 167, 249) contains.

| | |
|--|----|
| RYB(215, 167, 249) | 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(215, 167, 249)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D7A7F9 |
| RGB | 215, 167, 249 |
| RGB Percent | 84%, 65%, 98% |
| CMY | 0.1569, 0.3451, 0.0235 |
| CMYK | 0.14, 0.33, 0.00, 0.02 |
| HSL | 275°, 87%, 82% |
| HSV | 275°, 33%, 98% |
| XYZ | 58.9419, 48.9241, 95.9592 |
| YIQ | 190.7000, 2.2860, 35.6780 |

Conversions

Conversions Part 2

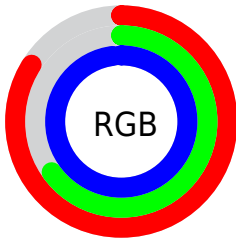
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 215, 167, 249 |
| Decimal | 14133241 |
| CIE Lab | 75.40, 32.40, -34.16 |
| CIE LCh | 75, 47.079, 313.486 |
| Yxy | 48.9241, 0.2892, 0.2400 |
| Android (android.graphics.Color) | 4292323321 (0xFFD7A7F9) |
| YUV | 190.7000, 28.7419, 21.3111 |
| Hunter-Lab | 69.9457, 28.0135, -32.3785 |

Details

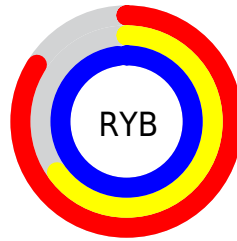
The RYB color **215, 167, 249** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **167, 249, 215**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 223, 255**, and **159, 114, 192** is the 20% darker color. If you saturate the color by 10%, you get **205, 142, 249**, and if you desaturate by 10%, it is **225, 192, 249**.

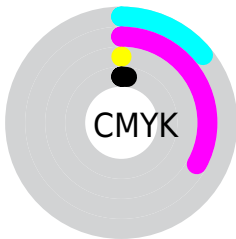
Distribution



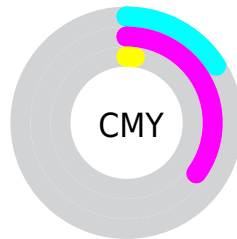
- Red (84%)
- Green (65%)
- Blue (98%)



- Red (84%)
- Yellow (65%)
- Blue (98%)



- Cyan (14%)
- Magenta (33%)
- Yellow (0%)
- Black (2%)




- Cyan (16%)
- Magenta (35%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 167, 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 215, 167, 249 by changing the saturation by 10% instead.


 215, 167, 249

255, 255, 255

 255, 223, 255


 255, 251, 255

 215, 167, 249

 187, 140, 220

 159, 114, 192

 132, 89, 165

 106, 65, 138

 81, 42, 113

 56, 19, 88

 32, 0, 64

 0, 0, 41


 0, 1, 19

 215, 167, 249

 215, 167, 249

 205, 142, 249


 225, 192, 249

 194, 117, 249


 236, 217, 249


 184, 92, 249

 246, 242, 249

 174, 67, 249

 249, 255, 249

 163, 43, 249

 153, 18, 249

 146, 0, 249

Harmonies

Analogous

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



152, 176, 255



215, 167, 249



254, 154, 212

Triad

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



215, 167, 249



206, 233, 102



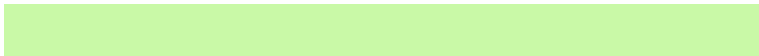
0, 105, 208

Complementary

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



215, 167, 249



167, 249, 215

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.



85, 161, 207



215, 167, 249



104, 194, 99

Square

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



215, 167, 249



255, 171, 128



121, 200, 176



0, 111, 244

Rectangle

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



215, 167, 249



255, 150, 182



121, 200, 176



0, 109, 208

Sweetspot

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



215, 167, 249



244, 230, 255



167, 191, 249



121, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



215, 167, 249



213, 153, 255



249, 167, 242



120, 112, 125



110, 0, 189



36, 0, 61

Inverse Universe

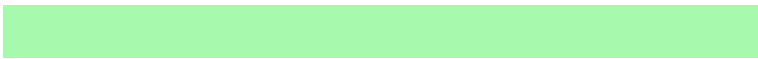
The Inverse Universe completely reimagines the original color for something new.



249, 167, 201



255, 153, 195



167, 243, 249



125, 112, 118



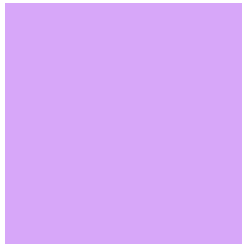
189, 0, 78



61, 0, 25

Previews

White Background



This preview shows how the RYB color 215, 167, 249 looks on a white background.

Color Contrast Check

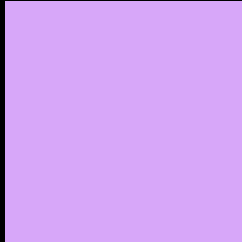
Large Text (above 18pt) WCAG AA × Fail

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 215, 167, 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 215, 167, 249 Background



This preview shows how black text looks on a background with the RYB color 215, 167, 249.

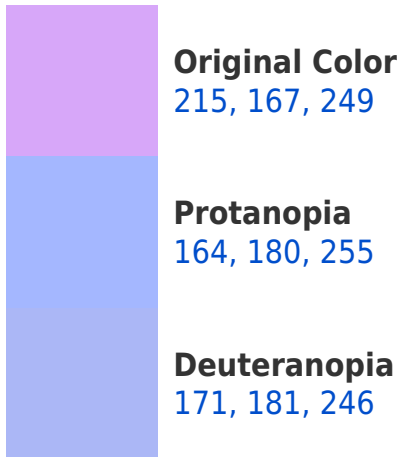



This preview shows how white text looks on a background with the RYB color 215, 167, 249.

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





Tritanopia
206, 178, 192

Trichromacy



Original Color

215, 167, 249



Protanomaly

183, 178, 253



Deuteranomaly

187, 177, 247



Tritanomaly

209, 174, 213

Monochromacy



Original Color

215, 167, 249



Achromatopsia

191, 191, 191



Achromatomaly

200, 182, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 167, 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(215, 167, 249) looks like.

```
.text, #text, p{  
    color:rgb(215, 167, 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(215, 167, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 167, 249) }
```

Border

The CSS property to change the border of an element to RYB 215, 167, 249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

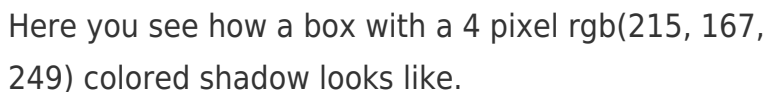
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 167, 249) }
```

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

```
.border{ border-color:rgb(215, 167, 249) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 167, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 167, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 167, 249);  
box-shadow:4px 4px 4px 4px rgb(215, 167,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 215, 167, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 167, 249) }
```

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

```
.background{ background-color: rgb(215,  
167, 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](#).

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