

Converting Colors

`RYB(215, 153, 247)`

Have a look what the booklet for
RYB(215, 153, 247) contains.

RYB(215, 153, 247)	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

`RYB(215, 153, 247)`

Conversions

Conversions Part 1

Format	Color
Hex	D799F7
RGB	215, 153, 247
RGB Percent	84%, 60%, 97%
CMY	0.1569, 0.4000, 0.0314
CMYK	0.13, 0.38, 0.00, 0.03
HSL	280°, 85%, 78%
HSV	280°, 38%, 97%
XYZ	56.2041, 43.9449, 93.5156
YIQ	182.2540, 6.7780, 42.3780

Conversions

Conversions Part 2

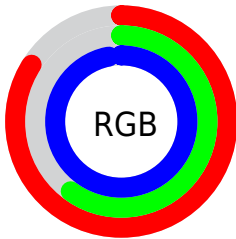
Format	Color
R_{YB}	215, 153, 247
Decimal	14129655
CIE _{Lab}	72.19, 39.54, -38.06
CIE _{LCh}	72, 54.877, 316.095
Yxy	43.9449, 0.2902, 0.2269
Android (android.graphics.Color)	4292319735 (0xFFD799F7)
YUV	182.2540, 31.9198, 28.7182
Hunter-Lab	66.2910, 35.3300, -37.2358

Details

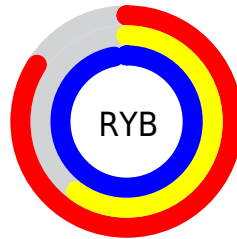
The RYB color **215, 153, 247** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **153, 247, 215**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 208, 255**, and **159, 101, 190** is the 20% darker color. If you saturate the color by 10%, you get **207, 128, 247**, and if you desaturate by 10%, it is **223, 178, 247**.

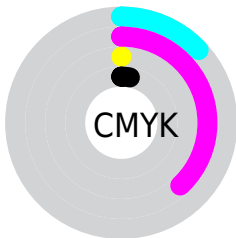
Distribution



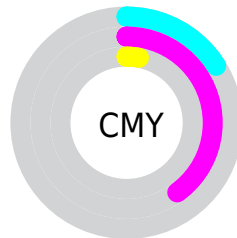
- Red (84%)
- Green (60%)
- Blue (97%)



- Red (84%)
- Yellow (60%)
- Blue (97%)



- Cyan (13%)
- Magenta (38%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (40%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 153, 247 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, 153, 247 by changing the saturation by 10% instead.

 215, 153, 247

255, 255, 255

 255, 208, 255

 255, 237, 255

 215, 153, 247

 187, 126, 218


 159, 101, 190

 132, 76, 163

 105, 51, 136

 79, 26, 111

 54, 0, 86

 31, 0, 62

 0, 0, 39

 0, 1, 17

■ 215, 153, 247

■ 215, 153, 247

■ 207, 128, 247

■ 223, 178, 247

■ 198, 104, 247

■ 232, 202, 247

■ 190, 79, 247

■ 240, 227, 247

■ 181, 54, 247

■ 247, 252, 250

■ 173, 29, 247

■ 247, 255, 247

■ 165, 5, 247

■ 163, 0, 247

Harmonies

Analogous

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



141, 166, 255



215, 153, 247



255, 137, 203

Triad

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



215, 153, 247



177, 226, 77



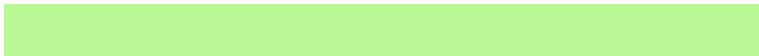
0, 101, 203

Complementary

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



215, 153, 247



153, 247, 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.



11, 120, 201



215, 153, 247



76, 183, 79

Square

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



215, 153, 247



255, 162, 107



105, 194, 176



0, 110, 248

Rectangle

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



215, 153, 247



255, 134, 169



105, 194, 176



0, 105, 202

Sweetspot

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



215, 153, 247



245, 227, 255



153, 177, 247



122, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



215, 153, 247



215, 138, 255



247, 153, 233



118, 110, 122



123, 0, 186



39, 0, 59

Inverse Universe

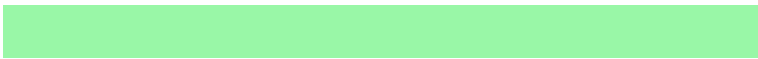
The Inverse Universe completely reimagines the original color for something new.



247, 153, 185



255, 138, 178



153, 235, 247



122, 110, 114



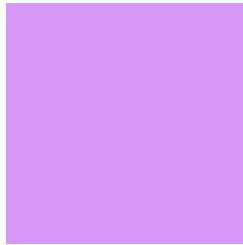
186, 0, 63



59, 0, 20

Previews

White Background



This preview shows how the RYB color 215, 153, 247 looks on a white background.

Color Contrast Check

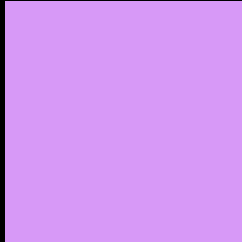
Large Text (above 18pt) WCAG AA × Fail

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, 153, 247 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, 153, 247 Background



This preview shows how black text looks on a background with the RYB color 215, 153, 247.

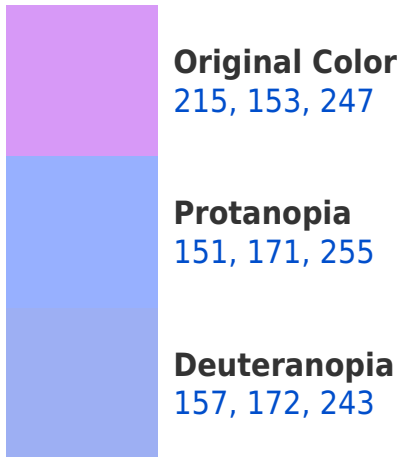



This preview shows how white text looks on a background with the RYB color 215, 153, 247.

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
205, 167, 180

Trichromacy



Original Color
215, 153, 247



Protanomaly
174, 167, 252



Deuteranomaly
178, 167, 244



Tritanomaly
209, 162, 204

Monochromacy



Original Color
215, 153, 247



Achromatopsia
182, 182, 182



Achromatomaly
194, 171, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 153, 247 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, 153, 247) looks like.

```
.text, #text, p{  
    color:rgb(215, 153, 247)  
}
```

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, 153, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 153, 247) }
```

Border

The CSS property to change the border of an element to RYB 215, 153, 247 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, 153, 247) }
```

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

```
.border{ border-color:rgb(215, 153, 247) }
```

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

Here you see how a box with a 4 pixel rgb(215, 153, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 153, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 153, 247);  
box-shadow:4px 4px 4px 4px rgb(215, 153,  
247) }
```

Background

The CSS property to change the background color of an element to RYB 215, 153, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 153, 247) }
```

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

```
.background{ background-color: rgb(215,  
153, 247) }
```

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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