

Converting Colors

`RYB(188, 154, 249)`

Have a look what the booklet for
RYB(188, 154, 249) contains.

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Color

R_YB(188, 154, 249)

Conversions

Conversions Part 1

Format	Color
Hex	BC9AF9
RGB	188, 154, 249
RGB Percent	74%, 60%, 98%
CMY	0.2627, 0.3961, 0.0235
CMYK	0.24, 0.38, 0.00, 0.02
HSL	261°, 89%, 79%
HSV	261°, 38%, 98%
XYZ	49.3935, 40.6421, 94.8639
YIQ	174.9960, -10.2310, 36.7530

Conversions

Conversions Part 2

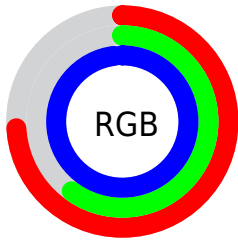
Format	Color
R _Y B	188, 154, 249
Decimal	12360441
CIE Lab	69.92, 31.62, -42.87
CIE LCh	70, 53.275, 306.413
Yxy	40.6421, 0.2671, 0.2198
Android (android.graphics.Color)	4290550521 (0xFFBC9AF9)
YUV	174.9960, 36.4840, 11.4045
Hunter-Lab	63.7512, 26.7348, -43.5997

Details

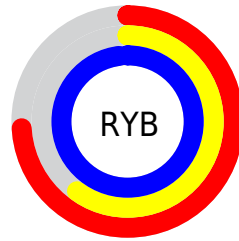
The RYB color **188, 154, 249** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **154, 249, 188**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **246, 209, 255**, and **133, 102, 192** is the 20% darker color. If you saturate the color by 10%, you get **172, 129, 249**, and if you desaturate by 10%, it is **204, 179, 249**.

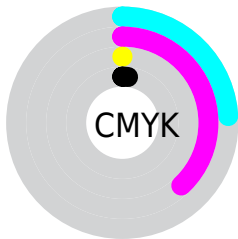
Distribution



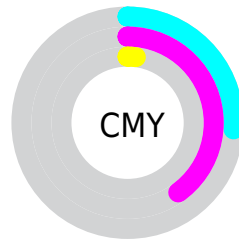
- Red (74%)
- Green (60%)
- Blue (98%)



- Red (74%)
- Yellow (60%)
- Blue (98%)



- Cyan (24%)
- Magenta (38%)
- Yellow (0%)
- Black (2%)



- Cyan (26%)
- Magenta (40%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 154, 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 188, 154, 249 by changing the saturation by 10% instead.


 188, 154, 249

255, 255, 255


 246, 209, 255

 255, 237, 255

 188, 154, 249

 160, 128, 220

 133, 102, 192

 106, 78, 165

 80, 54, 138

 53, 32, 112

 25, 10, 87

 4, 0, 63

 0, 3, 40

 0, 1, 18

■ 188, 154, 249

■ 188, 154, 249

■ 172, 129, 249

■ 204, 179, 249

■ 156, 104, 249

■ 220, 204, 249

■ 140, 79, 249

■ 236, 229, 249

■ 124, 54, 249

■ 249, 254, 251

■ 108, 29, 249

■ 249, 255, 249

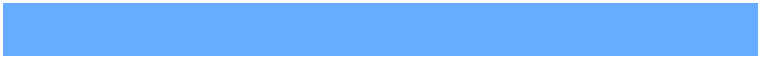
■ 92, 5, 249

■ 89, 0, 249

Harmonies

Analogous

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



103, 151, 255



188, 154, 249



239, 136, 211

Triad

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



188, 154, 249



230, 222, 82



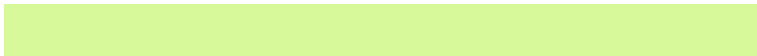
0, 101, 195

Complementary

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



188, 154, 249



154, 249, 188

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.



67, 150, 192



188, 154, 249



90, 189, 70

Square

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



188, 154, 249



255, 141, 116



90, 185, 137



0, 105, 227

Rectangle

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



188, 154, 249



255, 130, 179



90, 185, 137



0, 106, 195

Sweetspot

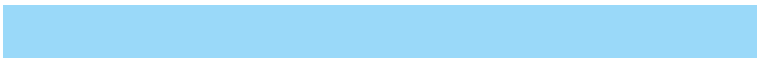
The Sweet Spot groups the original color and five complimentary colors.



188, 154, 249



237, 227, 255



154, 192, 249



117, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 154, 249



180, 138, 255



235, 154, 249



117, 112, 125



68, 0, 189



22, 0, 61

Inverse Universe

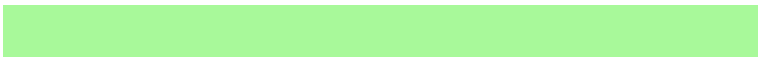
The Inverse Universe completely reimagines the original color for something new.



249, 154, 215



255, 138, 213



154, 249, 235



125, 112, 120



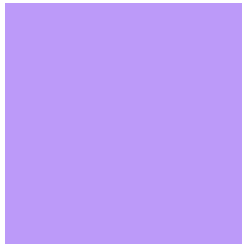
189, 0, 121



61, 0, 39

Previews

White Background



This preview shows how the RYB color 188, 154, 249 looks on a white background.

Color Contrast Check

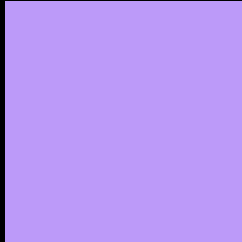
Large Text (above 18pt) WCAG AA × Fail

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 188, 154, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

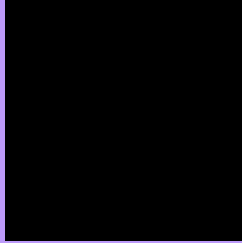
Any Text WCAG AA ✓ Pass

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 188, 154, 249 Background



This preview shows how black text looks on a background with the RYB color 188, 154, 249.




This preview shows how white text looks on a background with the RYB color 188, 154, 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
176, 168, 181

Trichromacy



Original Color

188, 154, 249



Protanomaly

158, 163, 253



Deuteranomaly

159, 164, 247



Tritanomaly

180, 163, 206

Monochromacy



Original Color

188, 154, 249



Achromatopsia

175, 175, 175



Achromatomaly

180, 167, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 154, 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(188, 154, 249)` looks like.

```
.text, #text, p{  
    color:rgb(188, 154, 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(188, 154, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 154, 249) }
```

Border

The CSS property to change the border of an element to RYB 188, 154, 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(188, 154, 249) }
```

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

```
.border{ border-color:rgb(188, 154, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 154, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 154, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 154, 249);  
box-shadow:4px 4px 4px 4px rgb(188, 154,  
249) }
```

Background

The CSS property to change the background color of an element to RYB 188, 154, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 154, 249) }
```

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

```
.background{ background-color: rgb(188,  
154, 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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