

# Converting Colors

`RYB(139, 127, 243)`

Have a look what the booklet for RYB(139, 127, 243) contains.

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# Color

**R<sub>Y</sub>B(139, 127, 243)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B7FF3
RGB	139, 127, 243
RGB Percent	55%, 50%, 95%
CMY	0.4549, 0.5020, 0.0471
CMYK	0.43, 0.48, 0.00, 0.05
HSL	246°, 83%, 73%
HSV	246°, 48%, 95%
XYZ	34.4145, 27.1388, 88.2185
YIQ	143.8120, -30.0840, 38.6200

# Conversions

## Conversions Part 2

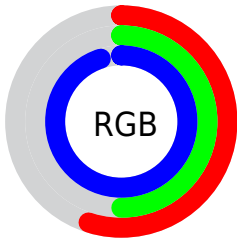
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	139, 127, 243
Decimal	9142259
CIE Lab	59.10, 32.65, -56.96
CIE LCh	59, 65.659, 299.824
Yxy	27.1388, 0.2298, 0.1812
Android (android.graphics.Color)	4287332339 (0xFF8B7FF3)
YUV	143.8120, 48.8997, -4.2201
Hunter-Lab	52.0949, 26.7531, -63.9364

# Details

The RYB color **139, 127, 243** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **127, 243, 139**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **197, 180, 255**, and **81, 78, 186** is the 20% darker color. If you saturate the color by 10%, you get **117, 103, 243**, and if you desaturate by 10%, it is **161, 151, 243**.

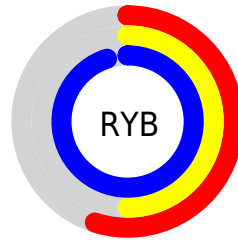
# Distribution



Red (55%)

Green (50%)

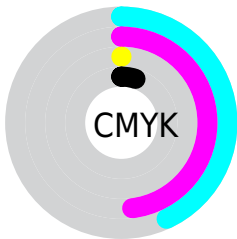
Blue (95%)



Red (55%)

Yellow (50%)

Blue (95%)

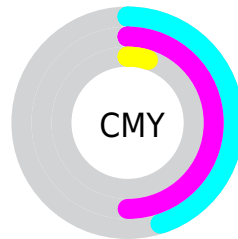


Cyan (43%)

Magenta (48%)

Yellow (0%)

Black (5%)



Cyan (45%)

Magenta (50%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 139, 127, 243 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 139, 127, 243 by changing the saturation by 10% instead.



 139, 127, 243


255, 255, 255

 197, 180, 255


 226, 208, 255

 255, 236, 255


 139, 127, 243

 110, 102, 214

 81, 78, 186

 50, 55, 159

 2, 27, 132

 0, 12, 106

 0, 0, 81

 0, 5, 57

 0, 2, 35

 0, 0, 9

■ 139, 127, 243

■ 139, 127, 243

■ 117, 103, 243

■ 161, 151, 243

■ 95, 78, 243

■ 183, 176, 243

■ 74, 54, 243

■ 204, 200, 243

■ 52, 30, 243

■ 226, 224, 243

■ 30, 6, 243

■ 243, 248, 243

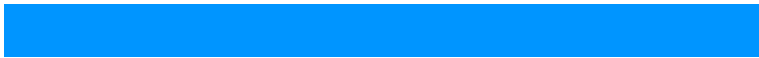
■ 25, 0, 243

■ 243, 255, 243

# Harmonies

## Analogous

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



0, 94, 255



139, 127, 243



211, 100, 201

# Triad

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



139, 127, 243



214, 181, 38



0, 92, 169

# Complementary

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



139, 127, 243



127, 243, 139

# 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.



0, 111, 165



139, 127, 243



38, 170, 0

# Square

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



139, 127, 243



241, 92, 88



25, 155, 67



0, 91, 198

# Rectangle

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



139, 127, 243



236, 86, 164



25, 155, 67



0, 98, 168



# Sweetspot

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



139, 127, 243



223, 219, 255



127, 182, 243



108, 106, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



139, 127, 243



125, 110, 255



197, 127, 243



111, 110, 122



19, 0, 186



6, 0, 59



# Inverse Universe

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



243, 127, 231



255, 110, 240



127, 243, 197



122, 110, 121



186, 0, 167

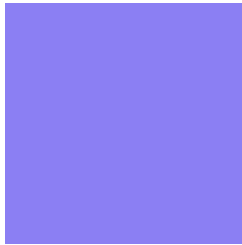


59, 0, 53



# Previews

## White Background



This preview shows how the RYB color 139, 127, 243 looks on a white background.

## Color Contrast Check

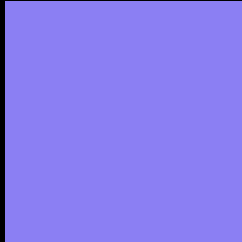
Large Text (above 18pt) WCAG AA ✓ Pass

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 139, 127, 243 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

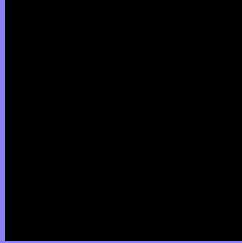
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## R Y B 139, 127, 243 Background



This preview shows how black text looks on a background with the RYB color 139, 127, 243.

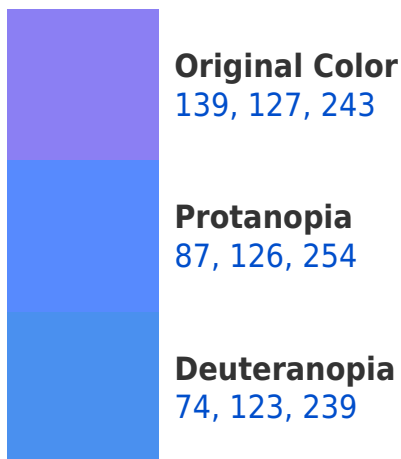



This preview shows how white text looks on a background with the RYB color 139, 127, 243.

# 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

118, 135, 158

# Trichromacy



**Original Color**  
139, 127, 243

**Protanomaly**  
106, 129, 250

**Deuteranomaly**  
98, 129, 240

**Tritanomaly**  
126, 137, 189

# Monochromacy



**Original Color**  
139, 127, 243

**Achromatopsia**  
144, 144, 144

**Achromatomaly**  
142, 138, 180

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 139, 127, 243 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(139, 127, 243)` looks like.

```
.text, #text, p{  
    color:rgb(139, 127, 243)  
}
```

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(139, 127, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 127, 243) }
```

## Border

The CSS property to change the border of an element to RYB 139, 127, 243 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(139, 127, 243) }
```

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

```
.border{ border-color:rgb(139, 127, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 127, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 127, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 127, 243);  
box-shadow:4px 4px 4px 4px rgb(139, 127,  
243) }
```

# Background

The CSS property to change the background color of an element to RYB 139, 127, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 127, 243) }
```

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

```
.background{ background-color: rgb(139,  
127, 243) }
```

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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