

Converting Colors

`RYB(142, 139, 249)`

Have a look what the booklet for RYB(142, 139, 249) contains.

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Color

R_YB(142, 139, 249)

Conversions

Conversions Part 1

Format	Color
Hex	8E8BF9
RGB	142, 139, 249
RGB Percent	56%, 55%, 98%
CMY	0.4431, 0.4549, 0.0235
CMYK	0.43, 0.44, 0.00, 0.02
HSL	242°, 90%, 76%
HSV	242°, 44%, 98%
XYZ	37.4868, 31.0556, 93.6411
YIQ	152.4370, -33.5220, 34.8460

Conversions

Conversions Part 2

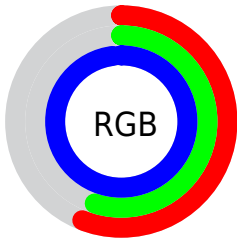
Format	Color
R _Y B	142, 139, 249
Decimal	9341945
CIE Lab	62.55, 28.08, -54.76
CIE LCh	63, 61.536, 297.149
Yxy	31.0556, 0.2311, 0.1915
Android (android.graphics.Color)	4287532025 (0xFF8E8BF9)
YUV	152.4370, 47.6056, -9.1532
Hunter-Lab	55.7275, 22.5503, -60.6180

Details

The RYB color **142, 139, 249** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **139, 249, 142**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **200, 192, 255**, and **84, 89, 192** is the 20% darker color. If you saturate the color by 10%, you get **118, 114, 249**, and if you desaturate by 10%, it is **166, 164, 249**.

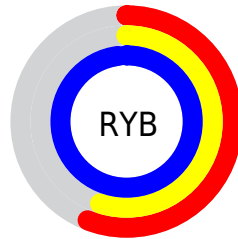
Distribution



Red (56%)

Green (55%)

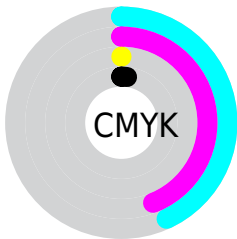
Blue (98%)



Red (56%)

Yellow (55%)

Blue (98%)

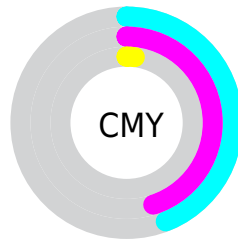


Cyan (43%)

Magenta (44%)

Yellow (0%)

Black (2%)



Cyan (44%)


Magenta (45%)

Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the RYB color 142, 139, 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 142, 139, 249 by changing the saturation by 10% instead.


 142, 139, 249


255, 255, 255

 200, 192, 255

 229, 220, 255

 255, 249, 255

 142, 139, 249

 113, 114, 220

 84, 89, 192

 54, 65, 164

 11, 37, 137


 0, 20, 111

 0, 0, 86


 0, 5, 62


 0, 3, 39

 0, 1, 17


 142, 139, 249

 142, 139, 249

 118, 114, 249

 166, 164, 249

 94, 89, 249


 190, 189, 249

 69, 64, 249

 215, 214, 249

 45, 39, 249

 239, 239, 249

 21, 15, 249

 249, 255, 249

 7, 0, 249

Harmonies

Analogous

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



0, 98, 255



142, 139, 249



212, 115, 211

Triad

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



142, 139, 249



225, 170, 58



0, 98, 177

Complementary

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



142, 139, 249



139, 249, 142

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.



50, 142, 172



142, 139, 249



77, 184, 28

Square

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



142, 139, 249



248, 105, 105



44, 163, 77



0, 94, 200

Rectangle

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



142, 139, 249



238, 103, 177



44, 163, 77



0, 103, 176

Sweetspot

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



142, 139, 249



223, 222, 255



139, 193, 249



108, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



142, 139, 249



124, 120, 255



196, 139, 249



113, 112, 125



5, 0, 189



2, 0, 61

Inverse Universe

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



249, 139, 246



255, 120, 251



139, 249, 196



125, 112, 125



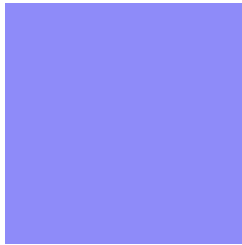
189, 0, 184



61, 0, 60

Previews

White Background



This preview shows how the RYB color 142, 139, 249 looks on a white background.

Color Contrast Check

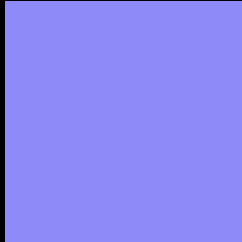
Large Text (above 18pt) WCAG AA × Fail

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 142, 139, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

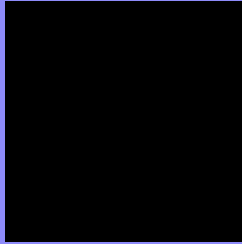
Any Text WCAG AA ✓ Pass

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](#).

RYP 142, 139, 249 Background



This preview shows how black text looks on a background with the RYP color 142, 139, 249.

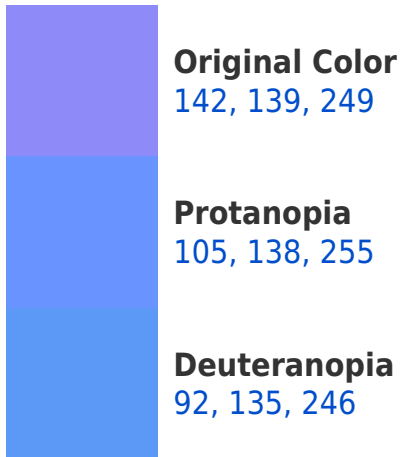


This preview shows how white text looks on a background with the RYP color 142, 139, 249.

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
121, 142, 169

Trichromacy



Original Color
142, 139, 249

Protanomaly
118, 140, 253

Deuteranomaly
110, 139, 247

Tritanomaly
129, 145, 198

Monochromacy



Original Color
142, 139, 249

Achromatopsia
152, 152, 152

Achromatomaly
148, 147, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 139, 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(142, 139, 249)` looks like.

```
.text, #text, p{  
    color:rgb(142, 139, 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(142, 139, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 139, 249) }
```

Border

The CSS property to change the border of an element to RYB 142, 139, 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(142, 139, 249) }
```

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

```
.border{ border-color:rgb(142, 139, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 139, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 139, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 139, 249);  
box-shadow:4px 4px 4px 4px rgb(142, 139,  
249) }
```

Background

The CSS property to change the background color of an element to RYB 142, 139, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 139, 249) }
```

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

```
.background{ background-color: rgb(142,  
139, 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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