

Converting Colors

`RYB(139, 82, 229)`

Have a look what the booklet for RYB(139, 82, 229) contains.

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Color

R_YB(139, 82, 229)

Conversions

Conversions Part 1

Format	Color
Hex	8B52E5
RGB	139, 82, 229
RGB Percent	55%, 32%, 90%
CMY	0.4549, 0.6784, 0.1020
CMYK	0.39, 0.64, 0.00, 0.10
HSL	263°, 74%, 61%
HSV	263°, 64%, 90%
XYZ	27.8076, 17.1807, 75.9793
YIQ	115.8010, -13.2150, 57.8010

Conversions

Conversions Part 2

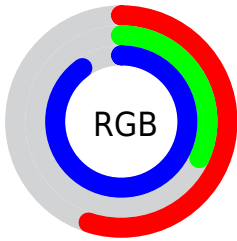
Format	Color
R_{YB}	139, 82, 229
Decimal	9130725
CIE _{Lab}	48.49, 53.97, -66.21
CIE _{LCh}	48, 85.419, 309.183
Yxy	17.1807, 0.2299, 0.1420
Android (android.graphics.Color)	4287320805 (0xFF8B52E5)
YUV	115.8010, 55.8071, 20.3455
Hunter-Lab	41.4496, 47.2148, -79.6670

Details

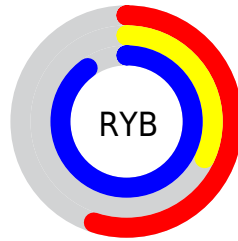
The RYB color **139, 82, 229** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **82, 229, 139**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **198, 134, 255**, and **80, 30, 172** is the 20% darker color. If you saturate the color by 10%, you get **125, 59, 229**, and if you desaturate by 10%, it is **153, 105, 229**.

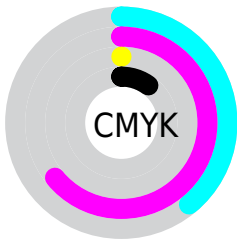
Distribution



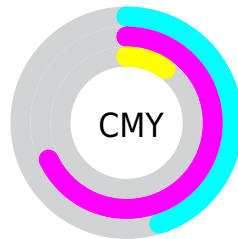
- Red (55%)
- Green (32%)
- Blue (90%)



- Red (55%)
- Yellow (32%)
- Blue (90%)



- Cyan (39%)
- Magenta (64%)
- Yellow (0%)
- Black (10%)




















- Cyan (45%)
- Magenta (68%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 82, 229 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, 82, 229 by changing the saturation by 10% instead.

 139, 82, 229	 139, 82, 229
 255, 255, 255	 110, 56, 200
 198, 134, 255	 80, 30, 172
 227, 161, 255	 48, 0, 145
 255, 189, 255	 0, 0, 119
 255, 218, 255	 0, 0, 93
 255, 247, 255	 0, 4, 68
	 0, 3, 45
	 0, 1, 23
	 0, 0, 0

■ 139, 82, 229

■ 139, 82, 229

■ 125, 59, 229

■ 153, 105, 229

■ 111, 36, 229

■ 167, 128, 229

■ 97, 13, 229

■ 181, 151, 229

■ 89, 0, 229

■ 195, 174, 229

■ 209, 197, 229

■ 223, 219, 229

■ 229, 242, 234

■ 229, 255, 233

■ 229, 255, 229

Harmonies

Analogous

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



0, 81, 255



139, 82, 229



214, 3, 168

Triad

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



139, 82, 229



172, 180, 0



0, 74, 144

Complementary

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



139, 82, 229



82, 229, 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, 99, 141



139, 82, 229



1, 121, 0

Square

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



139, 82, 229



222, 44, 24



0, 134, 115



0, 85, 206

Rectangle

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



139, 82, 229



234, 0, 121



0, 134, 115



0, 81, 144

Sweetspot

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



139, 82, 229



225, 207, 255



82, 138, 229



110, 98, 128



0, 0, 0



128, 128, 128

Same Dimension

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



139, 82, 229



135, 59, 255



212, 82, 229



108, 103, 115



69, 0, 179



20, 0, 51

Inverse Universe

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



229, 82, 172



255, 59, 179



82, 229, 212



115, 103, 110



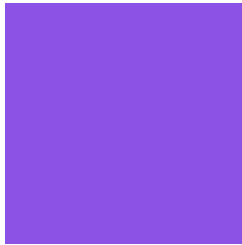
179, 0, 109



51, 0, 31

Previews

White Background



This preview shows how the RYB color 139, 82, 229 looks on a white background.

Color Contrast Check

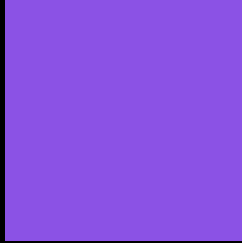
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 139, 82, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

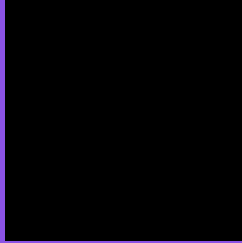
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 139, 82, 229 Background



This preview shows how black text looks on a background with the RYB color 139, 82, 229.

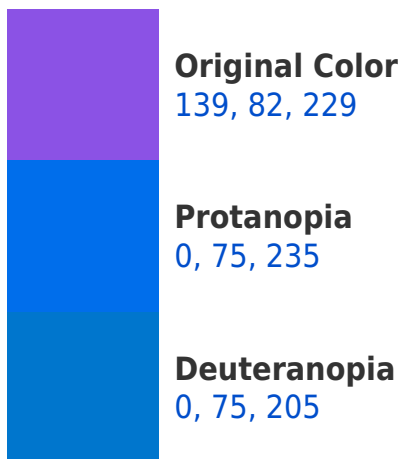



This preview shows how white text looks on a background with the RYB color 139, 82, 229.

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





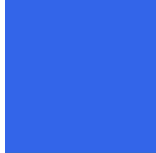
Tritanopia
116, 114, 123

Trichromacy



Original Color

139, 82, 229



Protanomaly

51, 90, 233



Deuteranomaly

51, 92, 214



Tritanomaly

124, 102, 162

Monochromacy



Original Color

139, 82, 229



Achromatopsia

116, 116, 116



Achromatomaly

124, 104, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 82, 229 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, 82, 229)` looks like.

```
.text, #text, p{  
    color:rgb(139, 82, 229)  
}
```

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, 82, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 82, 229) }
```

Border

The CSS property to change the border of an element to RYB 139, 82, 229 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, 82, 229) }
```

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

```
.border{ border-color:rgb(139, 82, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 82, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 82, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 82, 229);  
box-shadow:4px 4px 4px 4px rgb(139, 82,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 139, 82, 229 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 82, 229) }
```

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

```
.background{ background-color: rgb(139, 82,  
229) }
```

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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