

Converting Colors

`RYB(139, 101, 236)`

Have a look what the booklet for
RYB(139, 101, 236) contains.

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Color

`RYB(139, 101, 236)`

Conversions

Conversions Part 1

Format	Color
Hex	8B65EC
RGB	139, 101, 236
RGB Percent	55%, 40%, 93%
CMY	0.4549, 0.6039, 0.0745
CMYK	0.41, 0.57, 0.00, 0.07
HSL	257°, 78%, 66%
HSV	257°, 57%, 93%
XYZ	30.4415, 20.8525, 81.7774
YIQ	127.7520, -20.6870, 50.0410

Conversions

Conversions Part 2

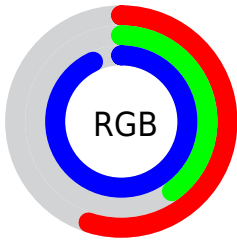
Format	Color
R_{YB}	139, 101, 236
Decimal	9135596
CIE _{Lab}	52.79, 45.60, -63.20
CIE _{LCh}	53, 77.929, 305.809
Yxy	20.8525, 0.2288, 0.1567
Android (android.graphics.Color)	4287325676 (0xFF8B65EC)
YUV	127.7520, 53.3663, 9.8645
Hunter-Lab	45.6645, 39.0812, -74.2132

Details

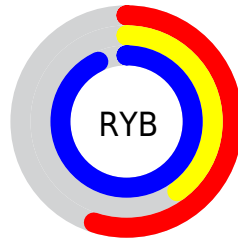
The RYB color **139, 101, 236** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **101, 236, 139**, and the grayscale version is **127, 127, 127**.

A 20% lighter version of the original color is **197, 153, 255**, and **81, 52, 179** is the 20% darker color. If you saturate the color by 10%, you get **122, 77, 236**, and if you desaturate by 10%, it is **156, 125, 236**.

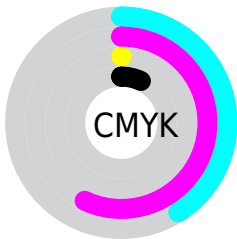
Distribution



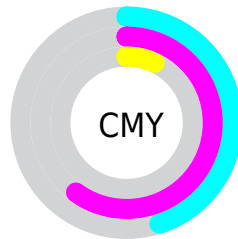
- Red (55%)
- Green (40%)
- Blue (93%)



- Red (55%)
- Yellow (40%)
- Blue (93%)



- Cyan (41%)
- Magenta (57%)
- Yellow (0%)
- Black (7%)



- Cyan (45%)
- Magenta (60%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 101, 236 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, 101, 236 by changing the saturation by 10% instead.

 139, 101, 236


255, 255, 255

 197, 153, 255

 227, 180, 255

 255, 208, 255


 255, 237, 255

 139, 101, 236

 110, 76, 207

 81, 52, 179

 49, 28, 152

 0, 3, 125

 0, 0, 99

 0, 0, 74

 0, 4, 51

 0, 2, 29

 0, 0, 0

■ 139, 101, 236

■ 139, 101, 236

■ 122, 77, 236

■ 156, 125, 236

■ 105, 54, 236

■ 173, 148, 236

■ 88, 30, 236

■ 190, 172, 236

■ 71, 7, 236

■ 207, 195, 236

■ 66, 0, 236

■ 224, 219, 236

■ 236, 243, 238

■ 236, 255, 236

Harmonies

Analogous

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



0, 87, 255



139, 101, 236



214, 60, 182

Triad

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



139, 101, 236



181, 195, 0



0, 81, 154

Complementary

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



139, 101, 236



101, 236, 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, 105, 151



139, 101, 236



14, 141, 0

Square

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



139, 101, 236



231, 65, 51



0, 143, 75



0, 88, 203

Rectangle

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



139, 101, 236



236, 34, 138



0, 143, 75



0, 88, 154

Sweetspot

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



139, 101, 236



224, 212, 255



101, 158, 236



109, 102, 128



0, 0, 0



128, 128, 128

Same Dimension

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



139, 101, 236



129, 79, 255



204, 101, 236



109, 106, 117



51, 0, 181



15, 0, 54

Inverse Universe

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



236, 101, 198



255, 79, 205



101, 236, 205



117, 106, 114



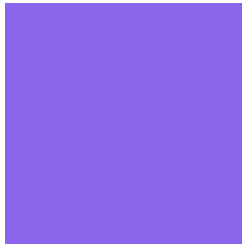
181, 0, 130



54, 0, 38

Previews

White Background



This preview shows how the RYB color 139, 101, 236 looks on a white background.

Color Contrast Check

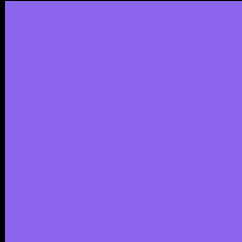
Large Text (above 18pt) WCAG AA ✓ Pass

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, 101, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

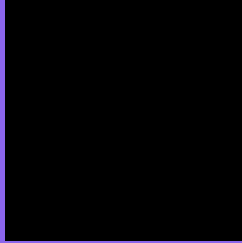
Any Text WCAG AA ✓ Pass

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](#).

RYB 139, 101, 236 Background



This preview shows how black text looks on a background with the RYB color 139, 101, 236.

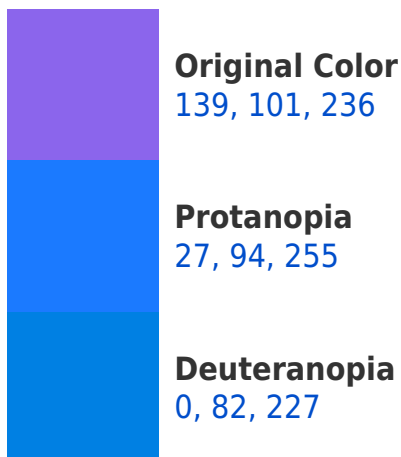


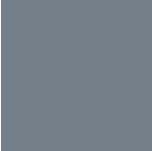
This preview shows how white text looks on a background with the RYB color 139, 101, 236.

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, 123, 137

Trichromacy



Original Color

139, 101, 236



Protanomaly

68, 105, 248



Deuteranomaly

51, 100, 230



Tritanomaly

124, 118, 173

Monochromacy



Original Color

139, 101, 236



Achromatopsia

128, 128, 128



Achromatomaly

132, 118, 167

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 101, 236 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, 101, 236)` looks like.

```
.text, #text, p{  
    color:rgb(139, 101, 236)  
}
```

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, 101, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 101, 236) }
```

Border

The CSS property to change the border of an element to RYB 139, 101, 236 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, 101, 236) }
```

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

```
.border{ border-color:rgb(139, 101, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 101, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 101, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 101, 236);  
box-shadow:4px 4px 4px 4px rgb(139, 101,  
236) }
```

Background

The CSS property to change the background color of an element to RYB 139, 101, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 101, 236) }
```

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

```
.background{ background-color: rgb(139,  
101, 236) }
```

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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