

Converting Colors

`RYB(139, 102, 248)`

Have a look what the booklet for
RYB(139, 102, 248) contains.

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Color

`RYB(139, 102, 248)`

Conversions

Conversions Part 1

Format	Color
Hex	8B66F8
RGB	139, 102, 248
RGB Percent	55%, 40%, 97%
CMY	0.4549, 0.6000, 0.0275
CMYK	0.44, 0.59, 0.00, 0.03
HSL	255°, 91%, 69%
HSV	255°, 59%, 97%
XYZ	32.3421, 21.7690, 91.3042
YIQ	129.7070, -24.8140, 53.2500

Conversions

Conversions Part 2

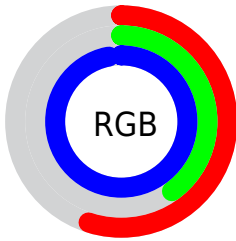
Format	Color
R _Y B	139, 102, 248
Decimal	9135864
CIE _{Lab}	53.78, 48.29, -68.29
CIE _{LCh}	54, 83.637, 305.267
Y _{xy}	21.7690, 0.2224, 0.1497
Android (android.graphics.Color)	4287325944 (0xFF8B66F8)
Y _{UV}	129.7070, 58.3184, 8.1500
Hunter-Lab	46.6573, 42.0832, -83.3652

Details

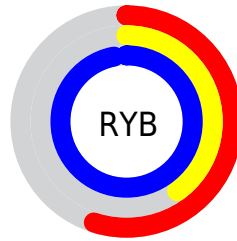
The RYB color **139, 102, 248** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **102, 248, 139**, and the grayscale version is **129, 129, 129**.

A 20% lighter version of the original color is **198, 154, 255**, and **79, 53, 191** is the 20% darker color. If you saturate the color by 10%, you get **120, 77, 248**, and if you desaturate by 10%, it is **158, 127, 248**.

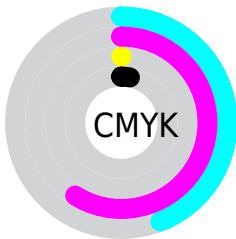
Distribution



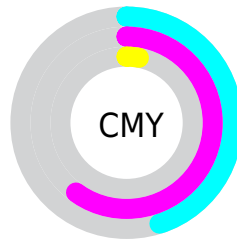
- Red (55%)
- Green (40%)
- Blue (97%)



- Red (55%)
- Yellow (40%)
- Blue (97%)



- Cyan (44%)
- Magenta (59%)
- Yellow (0%)
- Black (3%)



- Cyan (45%)
- Magenta (60%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 102, 248 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, 102, 248 by changing the saturation by 10% instead.

 139, 102, 248

255, 255, 255

 198, 154, 255

 228, 182, 255

 255, 210, 255


 255, 238, 255

 139, 102, 248

 109, 77, 219

 79, 53, 191

 44, 29, 163

 0, 3, 136

 0, 0, 110

 0, 0, 84


 0, 5, 60

 0, 2, 37

 0, 1, 14

 139, 102, 248

 139, 102, 248


 120, 77, 248


 158, 127, 248

 102, 52, 248


 176, 152, 248

 83, 28, 248

 195, 176, 248

 65, 3, 248

 213, 201, 248

 63, 0, 248

 232, 226, 248

 248, 251, 249

 248, 255, 248

Harmonies

Analogous

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



0, 88, 255



139, 102, 248



222, 53, 190

Triad

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



139, 102, 248



202, 202, 0



0, 85, 159

Complementary

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



139, 102, 248



102, 248, 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, 110, 155



139, 102, 248



17, 145, 0

Square

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



139, 102, 248



241, 56, 49



0, 147, 82



0, 90, 211

Rectangle

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



139, 102, 248



246, 8, 143



0, 147, 82



0, 92, 158

Sweetspot

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



139, 102, 248



221, 209, 255



102, 164, 248



107, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



139, 102, 248



120, 74, 255



211, 102, 248



116, 112, 125



48, 0, 189



16, 0, 61

Inverse Universe

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



248, 102, 211



255, 74, 209



102, 248, 211



125, 112, 122



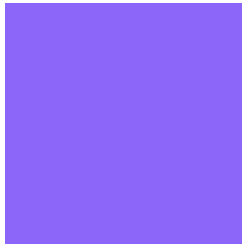
189, 0, 141



61, 0, 46

Previews

White Background



This preview shows how the RYB color 139, 102, 248 looks on a white background.

Color Contrast Check

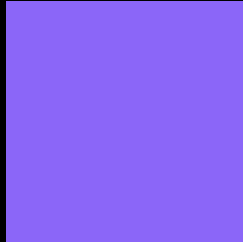
Large Text (above 18pt) WCAG AA ✓ Pass

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, 102, 248 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, 102, 248 Background



This preview shows how black text looks on a background with the RYB color 139, 102, 248.

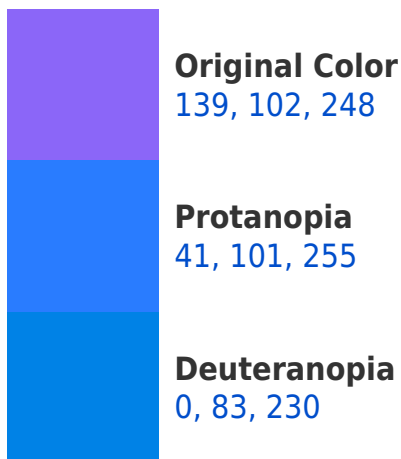


This preview shows how white text looks on a background with the RYB color 139, 102, 248.

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

112, 124, 142

Trichromacy



Original Color
139, 102, 248



Protanomaly
77, 109, 252



Deuteranomaly
51, 101, 237



Tritanomaly
122, 120, 181

Monochromacy



Original Color
139, 102, 248



Achromatopsia
130, 130, 130



Achromatomaly
133, 120, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 102, 248 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, 102, 248)` looks like.

```
.text, #text, p{  
    color:rgb(139, 102, 248)  
}
```

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, 102, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 102, 248) }
```

Border

The CSS property to change the border of an element to RYB 139, 102, 248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

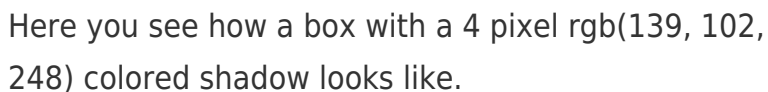
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 102, 248) }
```

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

```
.border{ border-color:rgb(139, 102, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 102, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 102, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 102, 248); box-shadow:4px 4px 4px 4px rgb(139, 102, 248) }
```

Background

The CSS property to change the background color of an element to RYB 139, 102, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 102, 248) }
```

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

```
.background{ background-color: rgb(139,  
102, 248) }
```

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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