

Converting Colors

`RYB(150, 138, 237)`

Have a look what the booklet for RYB(150, 138, 237) contains.

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Color

R_YB(150, 138, 237)

Conversions

Conversions Part 1

Format	Color
Hex	968AED
RGB	150, 138, 237
RGB Percent	59%, 54%, 93%
CMY	0.4118, 0.4588, 0.0706
CMYK	0.37, 0.42, 0.00, 0.07
HSL	247°, 73%, 74%
HSV	247°, 42%, 93%
XYZ	36.9522, 30.7754, 84.1134
YIQ	152.8740, -24.6270, 33.3330

Conversions

Conversions Part 2

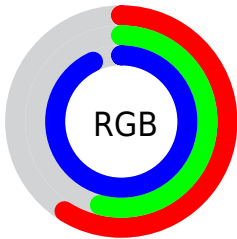
Format	Color
RYB	150, 138, 237
Decimal	9865965
CIELab	62.32, 27.35, -48.48
CIELCh	62, 55.664, 299.428
Yxy	30.7754, 0.2434, 0.2027
Android (android.graphics.Color)	4288056045 (0xFF968AED)
YUV	152.8740, 41.4741, -2.5205
Hunter-Lab	55.4756, 21.8163, -51.0640

Details

The RYB color **150, 138, 237** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **138, 237, 150**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **207, 192, 255**, and **95, 88, 181** is the 20% darker color. If you saturate the color by 10%, you get **129, 114, 237**, and if you desaturate by 10%, it is **171, 162, 237**.

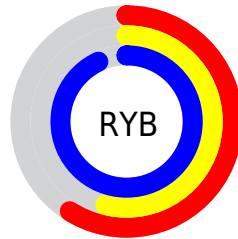
Distribution



Red (59%)

Green (54%)

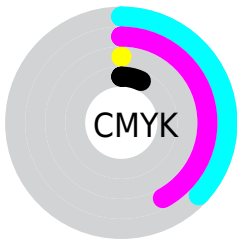
Blue (93%)



Red (59%)

Yellow (54%)

Blue (93%)

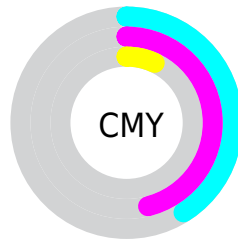


Cyan (37%)

Magenta (42%)

Yellow (0%)

Black (7%)



Cyan (41%)


Magenta (46%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 138, 237 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 150, 138, 237 by changing the saturation by 10% instead.


 150, 138, 237


255, 255, 255

 207, 192, 255

 236, 219, 255

 255, 248, 255

 150, 138, 237

 122, 113, 208

 95, 88, 181

 67, 65, 153

 37, 42, 127

 0, 18, 101

 0, 0, 77

 0, 5, 53

 0, 2, 31

 0, 0, 2

■ 150, 138, 237

■ 150, 138, 237

■ 129, 114, 237

■ 171, 162, 237

■ 108, 91, 237

■ 192, 185, 237

■ 88, 67, 237

■ 212, 209, 237

■ 67, 43, 237

■ 233, 233, 237

■ 46, 19, 237

■ 237, 255, 238

■ 29, 0, 237

■ 237, 255, 237

Harmonies

Analogous

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



0, 96, 249



150, 138, 237



210, 118, 202

Triad

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



150, 138, 237



216, 176, 65



0, 94, 174

Complementary

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



150, 138, 237



138, 237, 150

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.



59, 142, 171



150, 138, 237



83, 178, 44

Square

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



150, 138, 237



239, 111, 105



59, 162, 92



0, 93, 198

Rectangle

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



150, 138, 237



232, 108, 170



59, 162, 92



0, 99, 174

Sweetspot

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



150, 138, 237



226, 222, 255



138, 184, 237



110, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



150, 138, 237



143, 128, 255



199, 138, 237



107, 106, 117



22, 0, 181



6, 0, 54

Inverse Universe

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



237, 138, 225



255, 128, 240



138, 237, 199



117, 106, 116



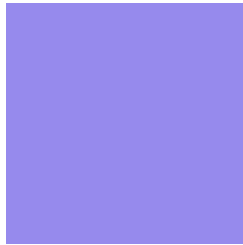
181, 0, 159



54, 0, 47

Previews

White Background



This preview shows how the RYB color 150, 138, 237 looks on a white background.

Color Contrast Check

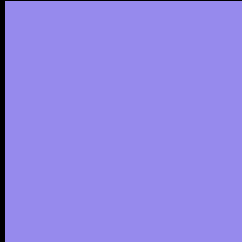
Large Text (above 18pt) WCAG AA × Fail

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 150, 138, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

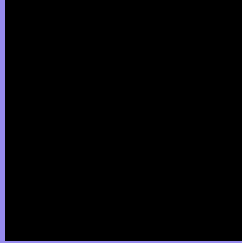
Any Text WCAG AA ✓ Pass

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](#).

RYB 150, 138, 237 Background



This preview shows how black text looks on a background with the RYB color 150, 138, 237.



This preview shows how white text looks on a background with the RYB color 150, 138, 237.

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
134, 146, 166

Trichromacy



Original Color
150, 138, 237

Protanomaly
126, 142, 242

Deuteranomaly
123, 142, 235

Tritanomaly
140, 147, 192

Monochromacy



Original Color
150, 138, 237

Achromatopsia
153, 153, 153

Achromatomaly
152, 148, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 138, 237 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(150, 138, 237)` looks like.

```
.text, #text, p{  
    color:rgb(150, 138, 237)  
}
```

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(150, 138, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 138, 237) }
```

Border

The CSS property to change the border of an element to RYB 150, 138, 237 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(150, 138, 237) }
```

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

```
.border{ border-color:rgb(150, 138, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 138, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 138, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 138, 237);  
box-shadow:4px 4px 4px 4px rgb(150, 138,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 150, 138, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 138, 237) }
```

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

```
.background{ background-color: rgb(150,  
138, 237) }
```

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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