

Converting Colors

`RYB(150, 127, 235)`

Have a look what the booklet for
RYB(150, 127, 235) contains.

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Color

`RYB(150, 127, 235)`

Conversions

Conversions Part 1

Format	Color
Hex	967FEB
RGB	150, 127, 235
RGB Percent	59%, 50%, 92%
CMY	0.4118, 0.5020, 0.0784
CMYK	0.36, 0.46, 0.00, 0.08
HSL	253°, 73%, 71%
HSV	253°, 46%, 92%
XYZ	35.1624, 27.6609, 82.0831
YIQ	146.1890, -20.9600, 38.4640

Conversions

Conversions Part 2

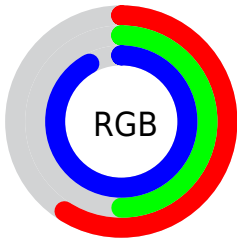
Format	Color
R_{YB}	150, 127, 235
Decimal	9863147
CIE _{Lab}	59.58, 33.15, -51.71
CIE _{LCh}	60, 61.427, 302.666
Yxy	27.6609, 0.2427, 0.1909
Android (android.graphics.Color)	4288053227 (0xFF967FEB)
YUV	146.1890, 43.7838, 3.3422
Hunter-Lab	52.5937, 27.3005, -55.7185

Details

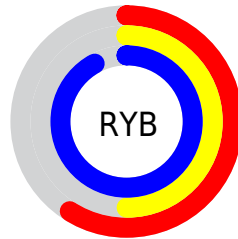
The RYB color **150, 127, 235** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **127, 235, 150**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **207, 180, 255**, and **94, 77, 179** is the 20% darker color. If you saturate the color by 10%, you get **132, 104, 235**, and if you desaturate by 10%, it is **168, 151, 235**.

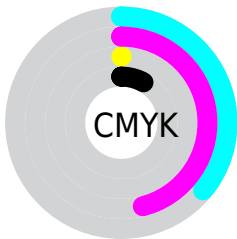
Distribution



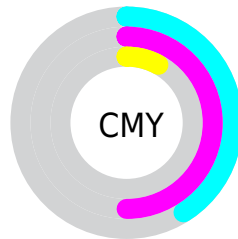
- Red (59%)
- Green (50%)
- Blue (92%)



- Red (59%)
- Yellow (50%)
- Blue (92%)



- Cyan (36%)
- Magenta (46%)
- Yellow (0%)
- Black (8%)




- Cyan (41%)
- Magenta (50%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 127, 235 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, 127, 235 by changing the saturation by 10% instead.


 150, 127, 235


255, 255, 255

 207, 180, 255

 236, 208, 255

 255, 236, 255


 150, 127, 235

 122, 102, 206

 94, 77, 179

 66, 54, 151

 36, 32, 125


 0, 10, 99


 0, 0, 75


 0, 4, 51

 0, 2, 29


 0, 0, 0

 150, 127, 235

 150, 127, 235

 132, 104, 235

 168, 151, 235

 113, 80, 235

 187, 174, 235

 95, 56, 235


 205, 198, 235

 76, 33, 235

 224, 221, 235

 58, 10, 235

 235, 244, 237

 50, 0, 235

 235, 255, 235

Harmonies

Analogous

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



0, 93, 252



150, 127, 235



212, 103, 194

Triad

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



150, 127, 235



209, 192, 44



0, 90, 169

Complementary

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



150, 127, 235



127, 235, 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.



0, 106, 165



150, 127, 235



43, 166, 16

Square

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



150, 127, 235



236, 101, 88



43, 157, 89



0, 91, 200

Rectangle

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



150, 127, 235



234, 92, 159



43, 157, 89



0, 95, 168

Sweetspot

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



150, 127, 235



227, 219, 255



127, 175, 235



110, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



150, 127, 235



145, 115, 255



203, 127, 235



108, 106, 117



39, 0, 181



11, 0, 54

Inverse Universe

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



235, 127, 212



255, 115, 225



127, 235, 203



117, 106, 115



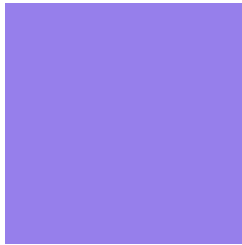
181, 0, 142



54, 0, 42

Previews

White Background



This preview shows how the RYB color 150, 127, 235 looks on a white background.

Color Contrast Check

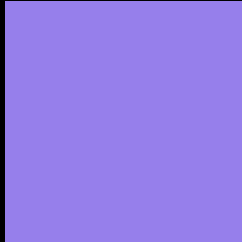
Large Text (above 18pt) WCAG AA ✓ Pass

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 150, 127, 235 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 150, 127, 235 Background



This preview shows how black text looks on a background with the RYB color 150, 127, 235.

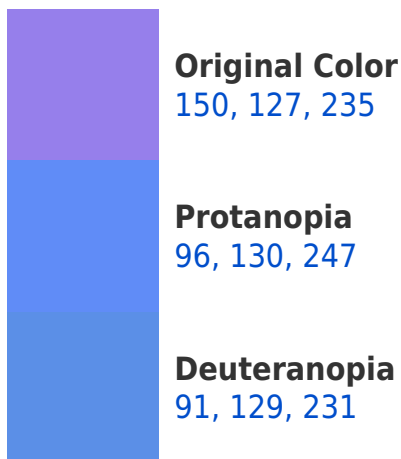


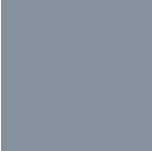
This preview shows how white text looks on a background with the RYB color 150, 127, 235.

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
133, 141, 156

Trichromacy



Original Color
150, 127, 235

Protanomaly
116, 133, 243

Deuteranomaly
112, 133, 232

Tritanomaly
139, 138, 185

Monochromacy



Original Color
150, 127, 235

Achromatopsia
146, 146, 146

Achromatomaly
147, 139, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 127, 235 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, 127, 235)` looks like.

```
.text, #text, p{  
    color:rgb(150, 127, 235)  
}
```

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, 127, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 127, 235) }
```

Border

The CSS property to change the border of an element to RYB 150, 127, 235 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, 127, 235) }
```

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

```
.border{ border-color:rgb(150, 127, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 127, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 127, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 127, 235);  
box-shadow:4px 4px 4px 4px rgb(150, 127,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 150, 127, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 127, 235) }
```

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

```
.background{ background-color: rgb(150,  
127, 235) }
```

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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