

Converting Colors

`RYB(161, 152, 254)`

Have a look what the booklet for
RYB(161, 152, 254) contains.

RYB(161, 152, 254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(161, 152, 254)

Conversions

Conversions Part 1

Format	Color
Hex	A198FE
RGB	161, 152, 254
RGB Percent	63%, 60%, 100%
CMY	0.3686, 0.4039, 0.0039
CMYK	0.37, 0.40, 0.00, 0.00
HSL	245°, 98%, 80%
HSV	245°, 40%, 100%
XYZ	43.8156, 37.1893, 98.6349
YIQ	166.3190, -27.3780, 33.6300

Conversions

Conversions Part 2

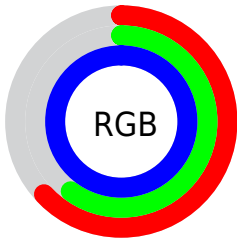
Format	Color
RYB	161, 152, 254
Decimal	10590462
CIELab	67.42, 26.68, -49.69
CIElCh	67, 56.403, 298.236
Yxy	37.1893, 0.2439, 0.2070
Android (android.graphics.Color)	4288780542 (0xFFA198FE)
YUV	166.3190, 43.2267, -4.6648
Hunter-Lab	60.9830, 21.5298, -53.2084

Details

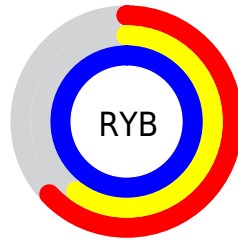
The RYB color **161, 152, 254** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **152, 254, 161**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **219, 206, 255**, and **105, 101, 197** is the 20% darker color. If you saturate the color by 10%, you get **138, 127, 254**, and if you desaturate by 10%, it is **184, 177, 254**.

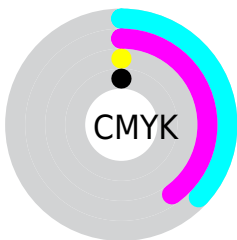
Distribution



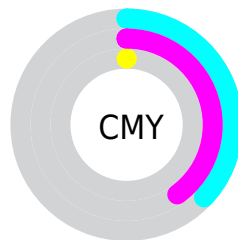
- Red (63%)
- Green (60%)
- Blue (100%)



- Red (63%)
- Yellow (60%)
- Blue (100%)



- Cyan (37%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)




- Cyan (37%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 152, 254 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 161, 152, 254 by changing the saturation by 10% instead.

 161, 152, 254

255, 255, 255

 219, 206, 255

 248, 235, 255

 161, 152, 254


 133, 126, 225

 105, 101, 197

 77, 77, 169

 48, 54, 142

 7, 28, 116

 0, 12, 91

 0, 0, 67

 0, 3, 44

 0, 1, 22

■ 161, 152, 254

■ 161, 152, 254

■ 138, 127, 254

■ 184, 177, 254

■ 115, 101, 254

■ 207, 203, 254

■ 92, 76, 254

■ 230, 228, 254

■ 68, 50, 254

■ 254, 254, 254

■ 45, 25, 254

■ 254, 255, 254

■ 22, 0, 254

Harmonies

Analogous

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



30, 117, 255



161, 152, 254



223, 131, 218

Triad

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



161, 152, 254



234, 184, 78



0, 103, 189

Complementary

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



161, 152, 254



152, 254, 161

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.



76, 160, 185



161, 152, 254



104, 195, 57

Square

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



161, 152, 254



255, 124, 119



69, 175, 100



0, 100, 211

Rectangle

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



161, 152, 254



247, 122, 186



69, 175, 100



0, 107, 188

Sweetspot

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



161, 152, 254



227, 224, 255



152, 201, 254



111, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



161, 152, 254



143, 133, 255



211, 152, 254



116, 115, 128



17, 0, 191



6, 0, 64

Inverse Universe

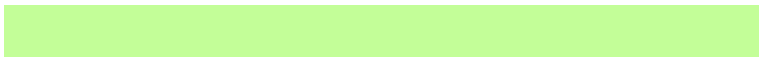
The Inverse Universe completely reimagines the original color for something new.



254, 152, 245



255, 133, 244



152, 254, 211



128, 115, 126



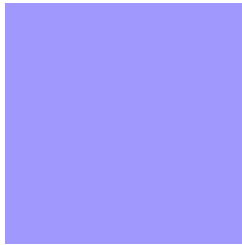
191, 0, 174



64, 0, 58

Previews

White Background



This preview shows how the RYB color 161, 152, 254 looks on a white background.

Color Contrast Check

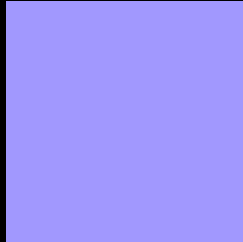
Large Text (above 18pt) WCAG AA × Fail

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 161, 152, 254 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 161, 152, 254 Background



This preview shows how black text looks on a background with the RYB color 161, 152, 254.



This preview shows how white text looks on a background with the RYB color 161, 152, 254.

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](#).

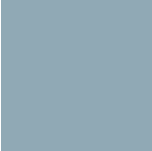
Dichromacy



Original Color
161, 152, 254

Protanopia
129, 155, 255

Deuteranopia
120, 153, 251



Tritanopia
144, 159, 181

Trichromacy



Original Color
161, 152, 254

Protanomaly
141, 156, 255

Deuteranomaly
135, 156, 252

Tritanomaly
150, 160, 208

Monochromacy



Original Color
161, 152, 254

Achromatopsia
166, 166, 166

Achromatomaly
164, 161, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 152, 254 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(161, 152, 254)` looks like.

```
.text, #text, p{  
    color:rgb(161, 152, 254)  
}
```

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(161, 152, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 152, 254) }
```

Border

The CSS property to change the border of an element to RYB 161, 152, 254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

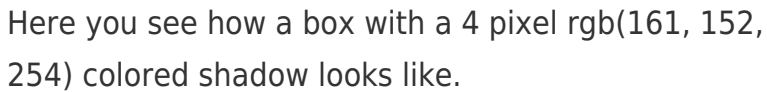
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 152, 254) }
```

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

```
.border{ border-color:rgb(161, 152, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 152, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 152, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 152, 254);  
box-shadow:4px 4px 4px 4px rgb(161, 152,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 161, 152, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 152, 254) }
```

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

```
.background{ background-color: rgb(161,  
152, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor