

Converting Colors

`RYB(169, 171, 246)`

Have a look what the booklet for RYB(169, 171, 246) contains.

RYB(169, 171, 246)	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(169, 171, 246)

Conversions

Conversions Part 1

Format	Color
Hex	A9ABF6
RGB	169, 171, 246
RGB Percent	66%, 67%, 96%
CMY	0.3373, 0.3292, 0.0353
CMYK	0.31, 0.30, 0.00, 0.04
HSL	238°, 81%, 81%
HSV	238°, 31%, 96%
XYZ	47.5697, 44.2348, 93.2198
YIQ	178.9520, -25.2670, 22.9010

Conversions

Conversions Part 2

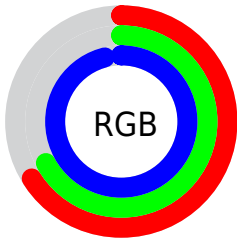
Format	Color
RYB	169, 171, 246
Decimal	11119606
CIELab	72.39, 16.01, -37.52
CIElCh	72, 40.793, 293.106
Yxy	44.2348, 0.2571, 0.2391
Android (android.graphics.Color)	4289309686 (0xFFA9ABF6)
YUV	178.9520, 33.0547, -8.7279
Hunter-Lab	66.5093, 11.2782, -36.5447

Details

The RYB color **169, 171, 246** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **171, 246, 169**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **226, 226, 255**, and **114, 119, 189** is the 20% darker color. If you saturate the color by 10%, you get **144, 147, 246**, and if you desaturate by 10%, it is **194, 195, 246**.

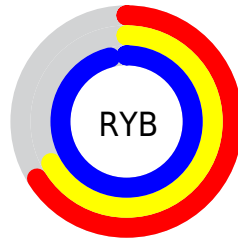
Distribution



Red (66%)

Green (67%)

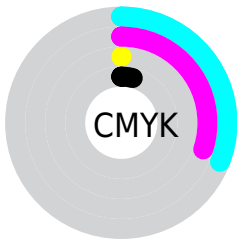
Blue (96%)



Red (66%)

Yellow (67%)

Blue (96%)

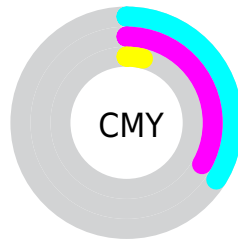


Cyan (31%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (34%)

Magenta (33%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 171, 246 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 169, 171, 246 by changing the saturation by 10% instead.

■ 169, 171, 246

255, 255, 255

■ 226, 226, 255

■ 169, 171, 246

■ 141, 145, 217

■ 114, 119, 189

■ 88, 94, 162

■ 62, 70, 136

■ 34, 47, 110

■ 0, 21, 85


■ 0, 2, 62

■ 0, 3, 39


■ 0, 1, 16

 169, 171, 246

 169, 171, 246

 144, 147, 246

 194, 195, 246

 120, 123, 246

 218, 219, 246


 95, 99, 246

 243, 243, 246

 71, 75, 246

 246, 255, 246

 46, 51, 246

 21, 27, 246

 0, 7, 246

Harmonies

Analogous

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



106, 157, 251



169, 171, 246



216, 158, 223

Triad

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



169, 171, 246



237, 180, 119



77, 146, 197

Complementary

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



169, 171, 246



171, 246, 169

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.



129, 190, 192



169, 171, 246



160, 209, 103

Square

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



169, 171, 246



250, 150, 150



107, 184, 119



0, 101, 206

Rectangle

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



169, 171, 246



237, 151, 200



107, 184, 119



96, 159, 196

Sweetspot

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



169, 171, 246



232, 233, 255



169, 208, 246



113, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



169, 171, 246



158, 161, 255



205, 169, 246



110, 110, 122



0, 5, 186



0, 2, 59

Inverse Universe

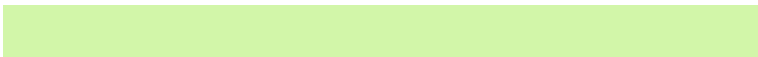
The Inverse Universe completely reimagines the original color for something new.



246, 169, 171



255, 158, 161



169, 246, 205



122, 110, 110



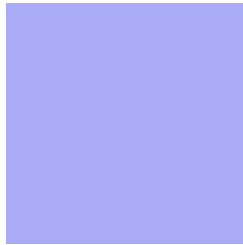
186, 0, 5



59, 0, 2

Previews

White Background



This preview shows how the RYB color 169, 171, 246 looks on a white background.

Color Contrast Check

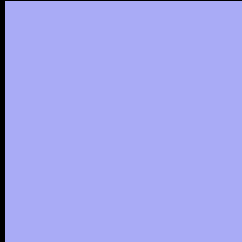
Large Text (above 18pt) WCAG AA × Fail

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 169, 171, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

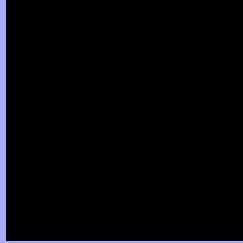
Any Text WCAG AA ✓ Pass

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 169, 171, 246 Background



This preview shows how black text looks on a background with the RYB color 169, 171, 246.



This preview shows how white text looks on a background with the RYB color 169, 171, 246.

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
169, 171, 246

Protanopia
155, 171, 249

Deuteranopia
155, 171, 245



Tritanopia
158, 172, 195

Trichromacy



Original Color
169, 171, 246

Protanomaly
160, 172, 248

Deuteranomaly
160, 172, 245

Tritanomaly
162, 174, 214

Monochromacy



Original Color
169, 171, 246

Achromatopsia
179, 179, 179

Achromatomaly
175, 176, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 171, 246 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(169, 171, 246)` looks like.

```
.text, #text, p{  
    color:rgb(169, 171, 246)  
}
```

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(169, 171, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 171, 246) }
```

Border

The CSS property to change the border of an element to RYB 169, 171, 246 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(169, 171, 246) }
```

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

```
.border{ border-color:rgb(169, 171, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 171, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 171, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 171, 246);  
box-shadow:4px 4px 4px 4px rgb(169, 171,  
246) }
```

Background

The CSS property to change the background color of an element to RYB 169, 171, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 171, 246) }
```

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

```
.background{ background-color: rgb(169,  
171, 246) }
```

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