

Converting Colors

`RYB(169, 105, 229)`

Have a look what the booklet for
RYB(169, 105, 229) contains.

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Color

R_YB(169, 105, 229)

Conversions

Conversions Part 1

Format	Color
Hex	A969E5
RGB	169, 105, 229
RGB Percent	66%, 41%, 90%
CMY	0.3373, 0.5882, 0.1020
CMYK	0.26, 0.54, 0.00, 0.10
HSL	271°, 70%, 65%
HSV	271°, 54%, 90%
XYZ	35.5566, 24.1953, 76.9249
YIQ	138.2720, -1.6600, 52.1320

Conversions

Conversions Part 2

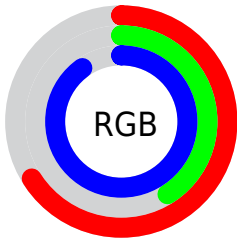
Format	Color
R _Y B	169, 105, 229
Decimal	11102693
CIE Lab	56.28, 48.71, -53.50
CIE LCh	56, 72.353, 312.315
Yxy	24.1953, 0.2602, 0.1770
Android (android.graphics.Color)	4289292773 (0xFFA969E5)
YUV	138.2720, 44.7289, 26.9485
Hunter-Lab	49.1887, 42.9504, -58.2898

Details

The RYB color **169, 105, 229** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **105, 229, 169**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **227, 158, 255**, and **113, 54, 173** is the 20% darker color. If you saturate the color by 10%, you get **158, 82, 229**, and if you desaturate by 10%, it is **180, 128, 229**.

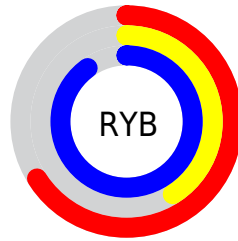
Distribution



Red (66%)

Green (41%)

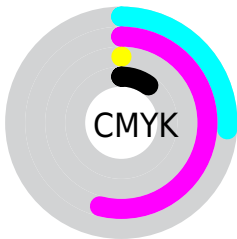
Blue (90%)



Red (66%)

Yellow (41%)

Blue (90%)

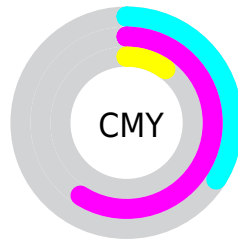


Cyan (26%)

Magenta (54%)

Yellow (0%)

Black (10%)



Cyan (34%)

Magenta (59%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 105, 229 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, 105, 229 by changing the saturation by 10% instead.

 169, 105, 229

255, 255, 255


 227, 158, 255

 255, 186, 255

 255, 214, 255

 255, 243, 255

 169, 105, 229

 141, 79, 201

 113, 54, 173

 86, 28, 146

 58, 0, 119


 28, 0, 94

 0, 0, 69


 0, 4, 46


 0, 1, 24

 0, 0, 0


 169, 105, 229

 169, 105, 229


 158, 82, 229


 180, 128, 229

 147, 59, 229


 191, 151, 229

 136, 36, 229

 202, 174, 229

 125, 13, 229

 213, 197, 229

 118, 0, 229

 224, 219, 229

 229, 242, 236

 229, 255, 237

 229, 255, 229

Harmonies

Analogous

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



0, 88, 255



169, 105, 229



227, 73, 175

Triad

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



169, 105, 229



123, 193, 0



0, 82, 163

Complementary

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



169, 105, 229



105, 229, 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.



0, 102, 161



169, 105, 229



0, 140, 1

Square

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



169, 105, 229



231, 97, 52



26, 154, 116



0, 93, 219

Rectangle

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



169, 105, 229



243, 61, 133



26, 154, 116



0, 88, 163

Sweetspot

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



169, 105, 229



235, 214, 255



105, 146, 229



116, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



169, 105, 229



175, 89, 255



229, 105, 229



109, 103, 115



92, 0, 179



26, 0, 51

Inverse Universe

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



229, 105, 165



255, 89, 169



105, 229, 229



115, 103, 109



179, 0, 86



51, 0, 25

Previews

White Background



This preview shows how the RYB color 169, 105, 229 looks on a white background.

Color Contrast Check

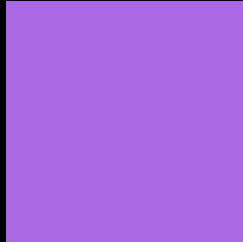
Large Text (above 18pt) WCAG AA ✓ Pass

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 169, 105, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

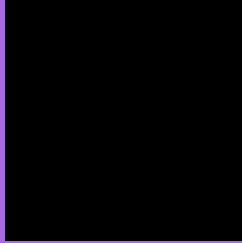
Any Text WCAG AA ✓ Pass

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 169, 105, 229 Background



This preview shows how black text looks on a background with the RYB color 169, 105, 229.

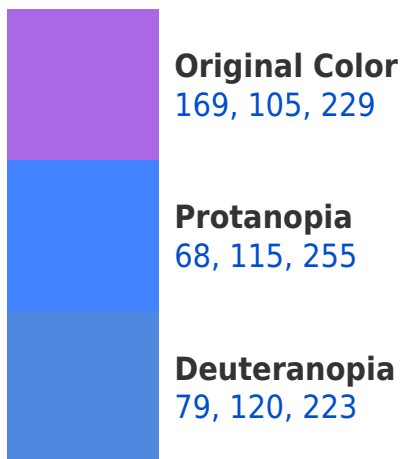


This preview shows how white text looks on a background with the RYB color 169, 105, 229.

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](#).

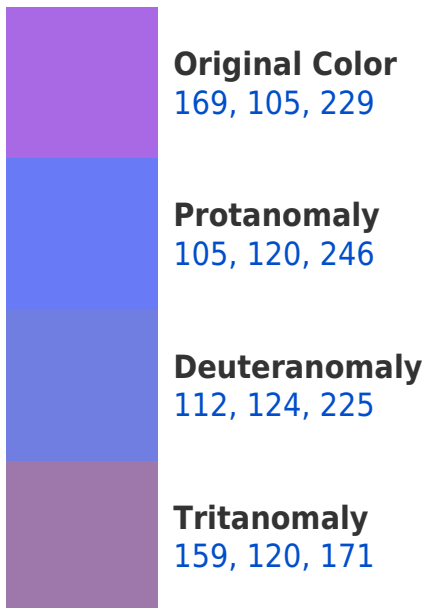
Dichromacy



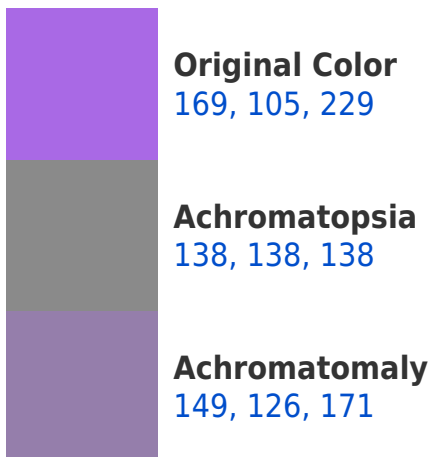


Tritanopia
153, 128, 138

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 105, 229 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, 105, 229) looks like.

```
.text, #text, p{  
    color:rgb(169, 105, 229)  
}
```

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, 105, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 105, 229) }
```

Border

The CSS property to change the border of an element to RYB 169, 105, 229 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, 105, 229) }
```

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

```
.border{ border-color:rgb(169, 105, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 105, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 105, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 105, 229);  
box-shadow:4px 4px 4px 4px rgb(169, 105,  
229) }
```

Background

The CSS property to change the background color of an element to RYB 169, 105, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 105, 229) }
```

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

```
.background{ background-color: rgb(169,  
105, 229) }
```

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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