

Converting Colors

`RYB(169, 135, 227)`

Have a look what the booklet for
RYB(169, 135, 227) contains.

RYB(169, 135, 227)	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, 135, 227)

Conversions

Conversions Part 1

Format	Color
Hex	A987E3
RGB	169, 135, 227
RGB Percent	66%, 53%, 89%
CMY	0.3373, 0.4706, 0.1098
CMYK	0.26, 0.41, 0.00, 0.11
HSL	262°, 62%, 71%
HSV	262°, 41%, 89%
XYZ	38.8913, 31.3090, 76.6665
YIQ	155.6540, -9.2680, 35.8200

Conversions

Conversions Part 2

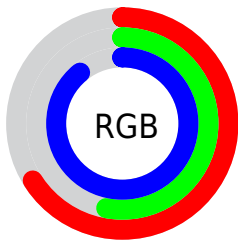
Format	Color
RYB	169, 135, 227
Decimal	11110371
CIELab	62.77, 31.68, -42.12
CIELCh	63, 52.708, 306.951
Yxy	31.3090, 0.2648, 0.2132
Android (android.graphics.Color)	4289300451 (0xFFA987E3)
YUV	155.6540, 35.1736, 11.7044
Hunter-Lab	55.9545, 26.1466, -42.0686

Details

The RYB color **169, 135, 227** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **135, 227, 169**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **226, 189, 255**, and **115, 85, 171** is the 20% darker color. If you saturate the color by 10%, you get **155, 112, 227**, and if you desaturate by 10%, it is **183, 158, 227**.

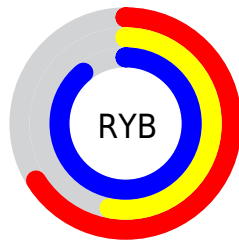
Distribution



Red (66%)

Green (53%)

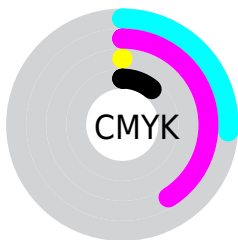
Blue (89%)



Red (66%)

Yellow (53%)

Blue (89%)

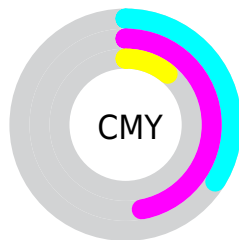


Cyan (26%)

Magenta (41%)

Yellow (0%)

Black (11%)



Cyan (34%)

Magenta (47%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 135, 227 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, 135, 227 by changing the saturation by 10% instead.


 169, 135, 227


255, 255, 255

 226, 189, 255

 255, 217, 255

 255, 245, 255

 169, 135, 227

 142, 109, 199

 115, 85, 171

 88, 61, 144

 62, 38, 118

 35, 16, 93

 8, 0, 69

 0, 3, 46

 0, 1, 24

 0, 0, 0

■ 169, 135, 227

■ 169, 135, 227

■ 155, 112, 227

■ 183, 158, 227

■ 140, 90, 227

■ 198, 180, 227

■ 126, 67, 227

■ 212, 203, 227

■ 112, 44, 227

■ 226, 226, 227

■ 97, 22, 227

■ 227, 249, 235

■ 84, 0, 227

■ 227, 255, 227

Harmonies

Analogous

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



83, 132, 245



169, 135, 227



218, 117, 189

Triad

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



169, 135, 227



205, 207, 64



0, 91, 175

Complementary

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



169, 135, 227



135, 227, 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.



41, 126, 172



169, 135, 227



70, 168, 53

Square

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



169, 135, 227



233, 123, 98



73, 165, 120



0, 94, 207

Rectangle

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



169, 135, 227



234, 111, 159



73, 165, 120



0, 96, 175

Sweetspot

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



169, 135, 227



236, 224, 255



135, 171, 227



116, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



169, 135, 227



176, 130, 255



215, 135, 227



108, 103, 115



66, 0, 179



19, 0, 51

Inverse Universe

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



227, 135, 193



255, 130, 209



135, 227, 215



115, 103, 111



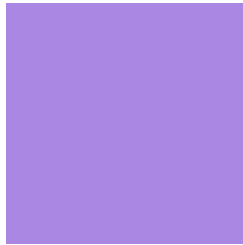
179, 0, 113



51, 0, 32

Previews

White Background



This preview shows how the RYB color 169, 135, 227 looks on a white background.

Color Contrast Check

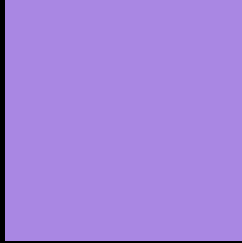
Large Text (above 18pt) WCAG AA × Fail

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, 135, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

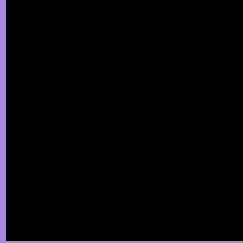
Any Text WCAG AA ✓ Pass

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](#).

RYP 169, 135, 227 Background



This preview shows how black text looks on a background with the RYP color 169, 135, 227.

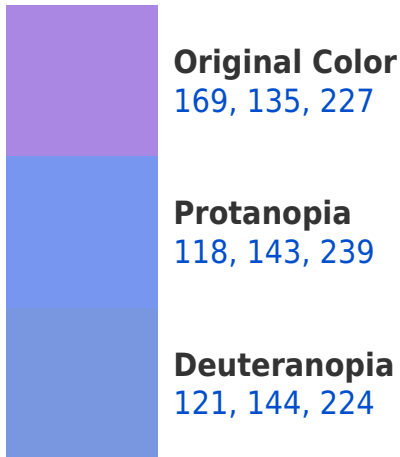


This preview shows how white text looks on a background with the RYP color 169, 135, 227.

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
157, 149, 161

Trichromacy



Original Color
169, 135, 227

Protanomaly
137, 144, 235

Deuteranomaly
138, 144, 225

Tritanomaly
161, 144, 185

Monochromacy



Original Color
169, 135, 227

Achromatopsia
156, 156, 156

Achromatomaly
161, 148, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 135, 227 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, 135, 227)` looks like.

```
.text, #text, p{  
    color:rgb(169, 135, 227)  
}
```

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, 135, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 135, 227) }
```

Border

The CSS property to change the border of an element to RYB 169, 135, 227 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, 135, 227) }
```

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

```
.border{ border-color:rgb(169, 135, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 135, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 135, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 135, 227);  
box-shadow:4px 4px 4px 4px rgb(169, 135,  
227) }
```

Background

The CSS property to change the background color of an element to RYB 169, 135, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 135, 227) }
```

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

```
.background{ background-color: rgb(169,  
135, 227) }
```

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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