

Converting Colors

`RYB(162, 135, 222)`

Have a look what the booklet for
RYB(162, 135, 222) contains.

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Color

`RYB(162, 135, 222)`

Conversions

Conversions Part 1

Format	Color
Hex	A287DE
RGB	162, 135, 222
RGB Percent	64%, 53%, 87%
CMY	0.3647, 0.4706, 0.1294
CMYK	0.27, 0.39, 0.00, 0.13
HSL	259°, 57%, 70%
HSV	259°, 39%, 87%
XYZ	36.7491, 30.2833, 73.0156
YIQ	152.9910, -11.8350, 32.7810

Conversions

Conversions Part 2

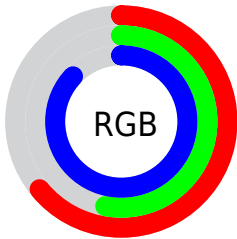
Format	Color
RYB	162, 135, 222
Decimal	10651614
CIELab	61.90, 28.49, -40.75
CIELCh	62, 49.722, 304.957
Yxy	30.2833, 0.2624, 0.2162
Android (android.graphics.Color)	4288841694 (0xFFA287DE)
YUV	152.9910, 34.0214, 7.9009
Hunter-Lab	55.0302, 22.8991, -40.1464

Details

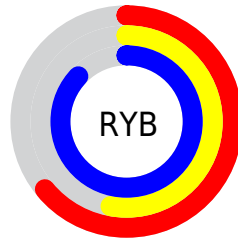
The RYB color **162, 135, 222** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **135, 222, 162**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **218, 189, 255**, and **108, 85, 166** is the 20% darker color. If you saturate the color by 10%, you get **147, 113, 222**, and if you desaturate by 10%, it is **177, 157, 222**.

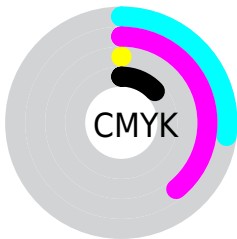
Distribution



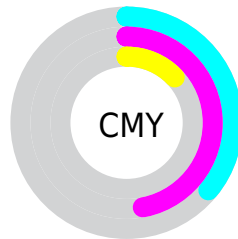
- Red (64%)
- Green (53%)
- Blue (87%)



- Red (64%)
- Yellow (53%)
- Blue (87%)



- Cyan (27%)
- Magenta (39%)
- Yellow (0%)
- Black (13%)




- Cyan (36%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 135, 222 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 162, 135, 222 by changing the saturation by 10% instead.


 162, 135, 222

255, 255, 255

 218, 189, 255

 247, 216, 255

 255, 245, 255

 162, 135, 222

 135, 109, 194

 108, 85, 166

 82, 61, 140

 56, 39, 114


 29, 17, 89


 3, 0, 65


 0, 3, 42

 0, 1, 20


 0, 0, 0

 162, 135, 222

 162, 135, 222

 147, 113, 222


 177, 157, 222

 131, 91, 222

 193, 179, 222

 116, 68, 222


 208, 202, 222

 101, 46, 222

 222, 224, 223

 85, 24, 222

 222, 246, 229

 70, 2, 222

 222, 255, 223

 69, 0, 222

 222, 255, 222

Harmonies

Analogous

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



81, 130, 237



162, 135, 222



209, 118, 188

Triad

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



162, 135, 222



204, 194, 69



0, 90, 172

Complementary

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



162, 135, 222



135, 222, 162

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.



57, 133, 169



162, 135, 222



78, 168, 57

Square

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



162, 135, 222



227, 121, 101



74, 162, 114



0, 92, 199

Rectangle

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



162, 135, 222



226, 112, 159



74, 162, 114



0, 94, 171

Sweetspot

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



162, 135, 222



234, 224, 255



135, 171, 222



115, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



162, 135, 222



172, 135, 255



205, 135, 222



104, 101, 112



55, 0, 176



15, 0, 48

Inverse Universe

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



222, 135, 195



255, 135, 218



135, 222, 205



112, 101, 109



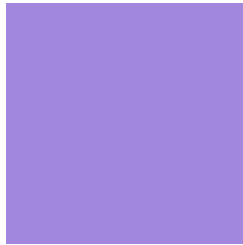
176, 0, 121



48, 0, 33

Previews

White Background



This preview shows how the RYB color 162, 135, 222 looks on a white background.

Color Contrast Check

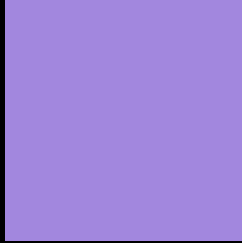
Large Text (above 18pt) WCAG AA × Fail

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 162, 135, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

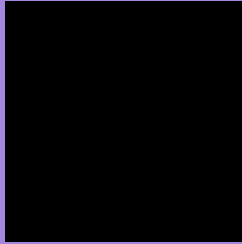
Any Text WCAG AA ✓ Pass

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 162, 135, 222 Background



This preview shows how black text looks on a background with the RYB color 162, 135, 222.

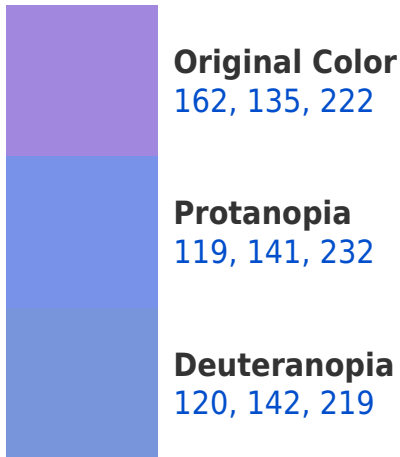


This preview shows how white text looks on a background with the RYB color 162, 135, 222.

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
150, 148, 160

Trichromacy



Original Color
162, 135, 222

Protanomaly
135, 142, 228

Deuteranomaly
135, 143, 220

Tritanomaly
154, 143, 183

Monochromacy



Original Color
162, 135, 222

Achromatopsia
153, 153, 153

Achromatomaly
156, 146, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 135, 222 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(162, 135, 222)` looks like.

```
.text, #text, p{  
    color:rgb(162, 135, 222)  
}
```

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(162, 135, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 135, 222) }
```

Border

The CSS property to change the border of an element to RYB 162, 135, 222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

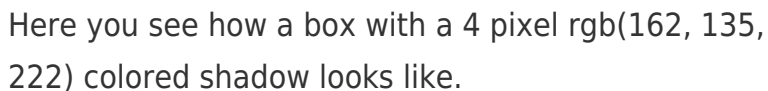
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 135, 222) }
```

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

```
.border{ border-color:rgb(162, 135, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 135, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 135, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 135, 222);  
box-shadow:4px 4px 4px 4px rgb(162, 135,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 162, 135, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 135, 222) }
```

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

```
.background{ background-color: rgb(162,  
135, 222) }
```

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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