

Converting Colors

`RYB(162, 157, 235)`

Have a look what the booklet for RYB(162, 157, 235) contains.

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Color

R_YB(162, 157, 235)

Conversions

Conversions Part 1

Format	Color
Hex	A29DEB
RGB	162, 157, 235
RGB Percent	64%, 62%, 92%
CMY	0.3647, 0.3843, 0.0784
CMYK	0.31, 0.33, 0.00, 0.08
HSL	244°, 66%, 77%
HSV	244°, 33%, 92%
XYZ	41.9527, 37.7935, 83.6810
YIQ	167.3870, -22.0580, 25.3180

Conversions

Conversions Part 2

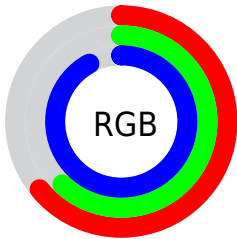
Format	Color
RYB	162, 157, 235
Decimal	10657259
CIELab	67.87, 19.19, -38.60
CIELCh	68, 43.106, 296.441
Yxy	37.7935, 0.2567, 0.2313
Android (android.graphics.Color)	4288847339 (0xFFA29DEB)
YUV	167.3870, 33.3332, -4.7244
Hunter-Lab	61.4764, 14.2281, -37.6714

Details

The RYB color **162, 157, 235** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **157, 235, 162**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **218, 212, 255**, and **108, 106, 179** is the 20% darker color. If you saturate the color by 10%, you get **140, 134, 235**, and if you desaturate by 10%, it is **184, 181, 235**.

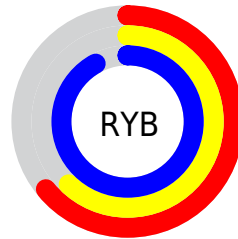
Distribution



Red (64%)

Green (62%)

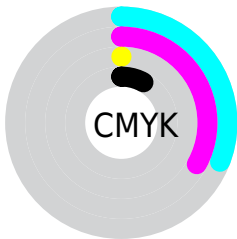
Blue (92%)



Red (64%)

Yellow (62%)

Blue (92%)

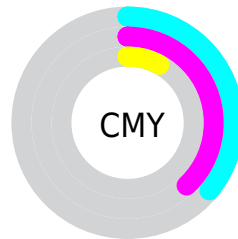


Cyan (31%)

Magenta (33%)

Yellow (0%)

Black (8%)



Cyan (36%)

Magenta (38%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 157, 235 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, 157, 235 by changing the saturation by 10% instead.

■ 162, 157, 235

255, 255, 255

■ 218, 212, 255

■ 248, 240, 255

■ 162, 157, 235

■ 135, 131, 207

■ 108, 106, 179

■ 81, 82, 152

■ 55, 59, 126

■ 27, 36, 100

■ 0, 14, 76

■ 0, 0, 53

■ 0, 2, 31

■ 0, 0, 1

■ 162, 157, 235

■ 162, 157, 235

■ 140, 134, 235

■ 184, 181, 235

■ 118, 110, 235

■ 206, 204, 235

■ 96, 87, 235

■ 228, 228, 235

■ 74, 63, 235

■ 235, 251, 236

■ 52, 40, 235

■ 235, 255, 235

■ 30, 16, 235

■ 15, 0, 235

Harmonies

Analogous

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



93, 144, 243



162, 157, 235



210, 143, 209

Triad

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



162, 157, 235



224, 176, 102



40, 120, 185

Complementary

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



162, 157, 235



157, 235, 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.



108, 170, 181



162, 157, 235



131, 194, 86

Square

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



162, 157, 235



239, 137, 133



94, 173, 112



0, 96, 199

Rectangle

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



162, 157, 235



229, 136, 185



94, 173, 112



68, 137, 184

Sweetspot

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



162, 157, 235



231, 230, 255



157, 195, 235



113, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



162, 157, 235



160, 153, 255



200, 157, 235



106, 106, 117



12, 0, 181



3, 0, 54

Inverse Universe

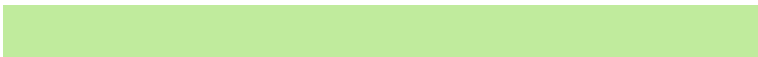
The Inverse Universe completely reimagines the original color for something new.



235, 157, 230



255, 153, 248



157, 235, 200



117, 106, 117



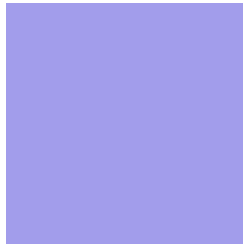
181, 0, 169



54, 0, 50

Previews

White Background



This preview shows how the RYB color 162, 157, 235 looks on a white background.

Color Contrast Check

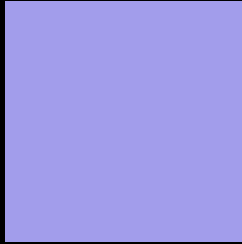
Large Text (above 18pt) WCAG AA × Fail

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, 157, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

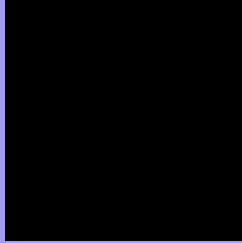
Any Text WCAG AA ✓ Pass

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, 157, 235 Background



This preview shows how black text looks on a background with the RYB color 162, 157, 235.



This preview shows how white text looks on a background with the RYB color 162, 157, 235.

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](#).

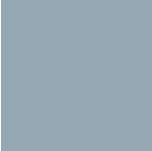
Dichromacy



Original Color
162, 157, 235

Protanopia
140, 159, 240

Deuteranopia
140, 159, 234



Tritanopia
151, 162, 181

Trichromacy



Original Color
162, 157, 235

Protanomaly
148, 159, 238

Deuteranomaly
148, 159, 234

Tritanomaly
155, 163, 201

Monochromacy



Original Color
162, 157, 235

Achromatopsia
167, 167, 167

Achromatomaly
165, 163, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 157, 235 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, 157, 235)` looks like.

```
.text, #text, p{  
    color:rgb(162, 157, 235)  
}
```

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, 157, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 157, 235) }
```

Border

The CSS property to change the border of an element to RYB 162, 157, 235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

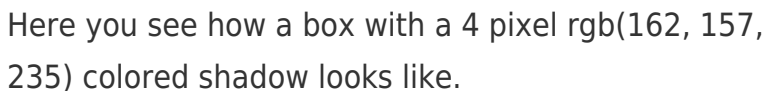
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 157, 235) }
```

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

```
.border{ border-color:rgb(162, 157, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 157, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 157, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 157, 235); box-shadow:4px 4px 4px 4px rgb(162, 157, 235) }
```

Background

The CSS property to change the background color of an element to RYB 162, 157, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 157, 235) }
```

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

```
.background{ background-color: rgb(162,  
157, 235) }
```

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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