

Converting Colors

`RYB(162, 132, 238)`

Have a look what the booklet for
RYB(162, 132, 238) contains.

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Color

R_YB(162, 132, 238)

Conversions

Conversions Part 1

Format	Color
Hex	A284EE
RGB	162, 132, 238
RGB Percent	64%, 52%, 93%
CMY	0.3647, 0.4824, 0.0667
CMYK	0.32, 0.45, 0.00, 0.07
HSL	257°, 76%, 73%
HSV	257°, 45%, 93%
XYZ	38.5842, 30.3570, 84.7148
YIQ	153.0540, -16.1460, 39.3260

Conversions

Conversions Part 2

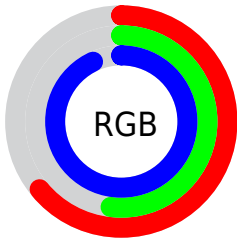
Format	Color
RYB	162, 132, 238
Decimal	10650862
CIELab	61.96, 34.18, -49.53
CIELCh	62, 60.182, 304.609
Yxy	30.3570, 0.2511, 0.1976
Android (android.graphics.Color)	4288840942 (0xFFA284EE)
YUV	153.0540, 41.8784, 7.8456
Hunter-Lab	55.0971, 28.5824, -52.5935

Details

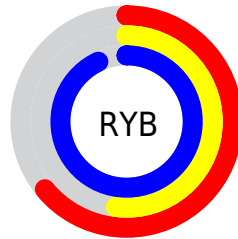
The RYB color **162, 132, 238** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **132, 238, 162**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **219, 185, 255**, and **107, 82, 181** is the 20% darker color. If you saturate the color by 10%, you get **145, 108, 238**, and if you desaturate by 10%, it is **179, 156, 238**.

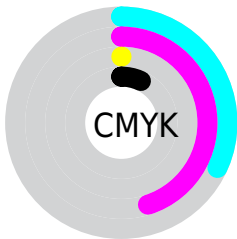
Distribution



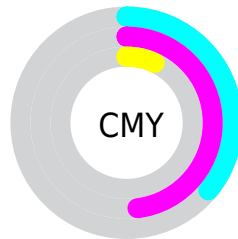
- Red (64%)
- Green (52%)
- Blue (93%)



- Red (64%)
- Yellow (52%)
- Blue (93%)



- Cyan (32%)
- Magenta (45%)
- Yellow (0%)
- Black (7%)





- Cyan (36%)
- Magenta (48%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the RYB color 162, 132, 238 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, 132, 238 by changing the saturation by 10% instead.

 162, 132, 238

 162, 132, 238

255, 255, 255

 134, 106, 209

 219, 185, 255

 107, 82, 181

 249, 213, 255

 79, 58, 154

 255, 242, 255

 51, 36, 128

 19, 14, 102

 0, 0, 77

 0, 5, 54

 0, 2, 31

 0, 0, 3

■ 162, 132, 238

■ 162, 132, 238

■ 145, 108, 238

■ 179, 156, 238

■ 128, 84, 238

■ 196, 180, 238

■ 111, 61, 238

■ 213, 203, 238

■ 94, 37, 238

■ 230, 227, 238

■ 77, 13, 238

■ 238, 251, 242

■ 67, 0, 238

■ 238, 255, 238

Harmonies

Analogous

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



27, 108, 255



162, 132, 238



221, 109, 196

Triad

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



162, 132, 238



213, 207, 50



0, 92, 175

Complementary

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



162, 132, 238



132, 238, 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.



0, 108, 172



162, 132, 238



53, 170, 30

Square

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



162, 132, 238



241, 111, 92



55, 164, 105



0, 95, 209

Rectangle

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



162, 132, 238



241, 100, 162



55, 164, 105



0, 98, 175

Sweetspot

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



162, 132, 238



231, 222, 255



132, 177, 238



113, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



162, 132, 238



158, 120, 255



213, 132, 238



111, 108, 120



52, 0, 184



16, 0, 56

Inverse Universe

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



238, 132, 208



255, 120, 217



132, 238, 213



120, 108, 116



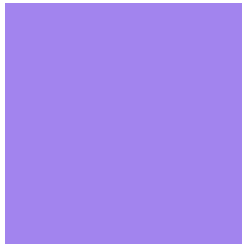
184, 0, 132



56, 0, 40

Previews

White Background



This preview shows how the RYB color 162, 132, 238 looks on a white background.

Color Contrast Check

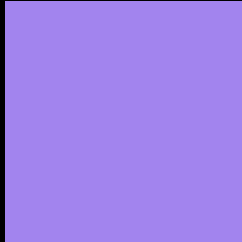
Large Text (above 18pt) WCAG AA × Fail

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, 132, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

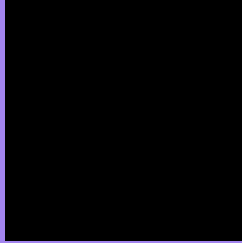
Any Text WCAG AA ✓ Pass

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, 132, 238 Background



This preview shows how black text looks on a background with the RYB color 162, 132, 238.

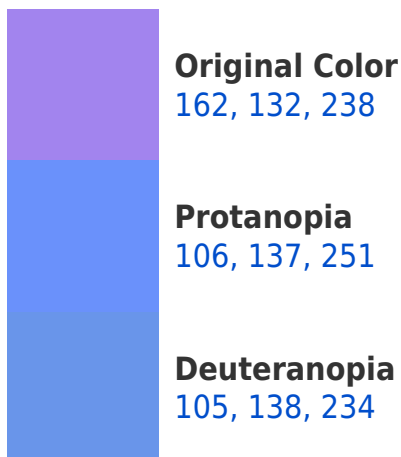


This preview shows how white text looks on a background with the RYB color 162, 132, 238.

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

146, 149, 161

Trichromacy



Original Color

162, 132, 238



Protanomaly

126, 139, 246



Deuteranomaly

126, 141, 235



Tritanomaly

152, 143, 189

Monochromacy



Original Color

162, 132, 238



Achromatopsia

153, 153, 153



Achromatomaly

156, 145, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 132, 238 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, 132, 238)` looks like.

```
.text, #text, p{  
    color:rgb(162, 132, 238)  
}
```

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, 132, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 132, 238) }
```

Border

The CSS property to change the border of an element to RYB 162, 132, 238 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, 132, 238) }
```

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

```
.border{ border-color:rgb(162, 132, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 132, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 132, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 132, 238);  
box-shadow:4px 4px 4px 4px rgb(162, 132,  
238) }
```

Background

The CSS property to change the background color of an element to RYB 162, 132, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 132, 238) }
```

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

```
.background{ background-color: rgb(162,  
132, 238) }
```

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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