

Converting Colors

`RYB(148, 121, 236)`

Have a look what the booklet for
RYB(148, 121, 236) contains.

RYB(148, 121, 236)	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

`RYB(148, 121, 236)`

Conversions

Conversions Part 1

Format	Color
Hex	9479EC
RGB	148, 121, 236
RGB Percent	58%, 47%, 93%
CMY	0.4196, 0.5255, 0.0745
CMYK	0.37, 0.49, 0.00, 0.07
HSL	254°, 75%, 70%
HSV	254°, 49%, 93%
XYZ	34.1904, 26.0268, 82.5785
YIQ	142.1830, -20.8230, 41.4890

Conversions

Conversions Part 2

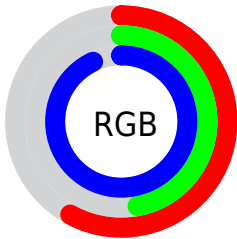
Format	Color
RYB	148, 121, 236
Decimal	9730540
CIELab	58.06, 36.36, -54.70
CIELCh	58, 65.680, 303.617
Yxy	26.0268, 0.2394, 0.1823
Android (android.graphics.Color)	4287920620 (0xFF9479EC)
YUV	142.1830, 46.2518, 5.1015
Hunter-Lab	51.0164, 30.3492, -60.2591

Details

The RYB color **148, 121, 236** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **121, 236, 148**, and the grayscale version is **142, 142, 142**.

A 20% lighter version of the original color is **205, 174, 255**, and **92, 72, 179** is the 20% darker color. If you saturate the color by 10%, you get **130, 97, 236**, and if you desaturate by 10%, it is **166, 145, 236**.

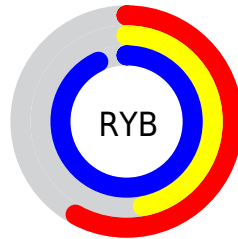
Distribution



Red (58%)

Green (47%)

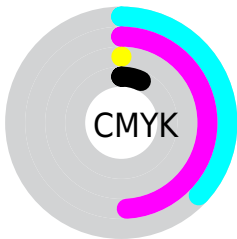
Blue (93%)



Red (58%)

Yellow (47%)

Blue (93%)

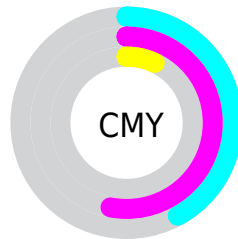


Cyan (37%)

Magenta (49%)

Yellow (0%)

Black (7%)



Cyan (42%)

Magenta (53%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 121, 236 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 148, 121, 236 by changing the saturation by 10% instead.


 148, 121, 236

255, 255, 255

 205, 174, 255

 235, 201, 255


 255, 230, 255

 148, 121, 236

 120, 96, 207

 92, 72, 179

 63, 48, 152

 31, 26, 126

 0, 5, 100

 0, 0, 75


 0, 4, 52

 0, 2, 30

 0, 0, 0

 148, 121, 236

 148, 121, 236

 130, 97, 236

 166, 145, 236

 112, 74, 236


 184, 168, 236

 94, 50, 236

 202, 192, 236

 76, 27, 236

 220, 215, 236

 58, 3, 236

 236, 239, 237

 55, 0, 236

 236, 255, 236

Harmonies

Analogous

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



0, 92, 255



148, 121, 236



214, 94, 192

Triad

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



148, 121, 236



206, 206, 28



0, 89, 166

Complementary

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



148, 121, 236



121, 236, 148

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, 106, 162



148, 121, 236



25, 161, 0

Square

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



148, 121, 236



236, 93, 79



29, 154, 82



0, 91, 202

Rectangle

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



148, 121, 236



235, 81, 154



29, 154, 82



0, 94, 165

Sweetspot

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



148, 121, 236



226, 217, 255



121, 171, 236



110, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



148, 121, 236



142, 107, 255



205, 121, 236



108, 106, 117



43, 0, 181



13, 0, 54

Inverse Universe

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



236, 121, 209



255, 107, 220



121, 236, 205



117, 106, 115



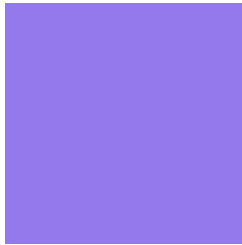
181, 0, 139



54, 0, 41

Previews

White Background



This preview shows how the RYB color 148, 121, 236 looks on a white background.

Color Contrast Check

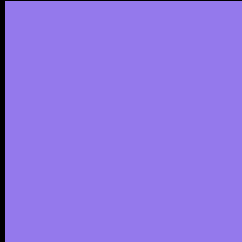
Large Text (above 18pt) WCAG AA ✓ Pass

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 148, 121, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

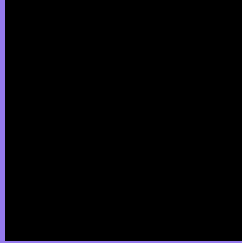
Any Text WCAG AA ✓ Pass

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 148, 121, 236 Background



This preview shows how black text looks on a background with the RYB color 148, 121, 236.

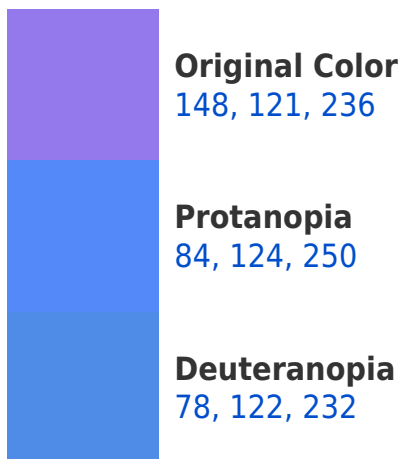


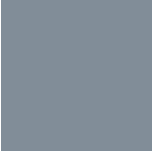
This preview shows how white text looks on a background with the RYB color 148, 121, 236.

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
129, 137, 152

Trichromacy



Original Color
148, 121, 236

Protanomaly
107, 127, 245

Deuteranomaly
103, 127, 233

Tritanomaly
136, 134, 183

Monochromacy



Original Color
148, 121, 236

Achromatopsia
142, 142, 142

Achromatomaly
144, 134, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 121, 236 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(148, 121, 236)` looks like.

```
.text, #text, p{  
    color:rgb(148, 121, 236)  
}
```

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(148, 121, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 121, 236) }
```

Border

The CSS property to change the border of an element to RYB 148, 121, 236 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(148, 121, 236) }
```

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

```
.border{ border-color:rgb(148, 121, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 121, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 121, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 121, 236);  
box-shadow:4px 4px 4px 4px rgb(148, 121,  
236) }
```

Background

The CSS property to change the background color of an element to RYB 148, 121, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 121, 236) }
```

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

```
.background{ background-color: rgb(148,  
121, 236) }
```

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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