

Converting Colors

`RYB(140, 138, 221)`

Have a look what the booklet for
RYB(140, 138, 221) contains.

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Color

R_YB(140, 138, 221)

Conversions

Conversions Part 1

Format	Color
Hex	8C8ADD
RGB	140, 138, 221
RGB Percent	55%, 54%, 87%
CMY	0.4510, 0.4588, 0.1333
CMYK	0.37, 0.38, 0.00, 0.13
HSL	241°, 55%, 70%
HSV	241°, 38%, 87%
XYZ	32.9548, 28.9729, 72.2620
YIQ	148.0600, -25.4510, 26.2370

Conversions

Conversions Part 2

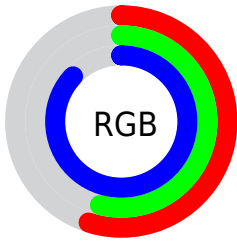
Format	Color
RYB	140, 138, 221
Decimal	9210589
CIELab	60.76, 20.41, -42.11
CIELCh	61, 46.798, 295.856
Yxy	28.9729, 0.2456, 0.2159
Android (android.graphics.Color)	4287400669 (0xFF8C8ADD)
YUV	148.0600, 35.9594, -7.0686
Hunter-Lab	53.8264, 15.0890, -41.9183

Details

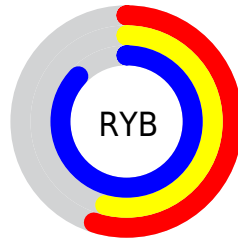
The RYB color **140, 138, 221** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **138, 221, 140**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **196, 191, 255**, and **86, 88, 165** is the 20% darker color. If you saturate the color by 10%, you get **118, 116, 221**, and if you desaturate by 10%, it is **162, 160, 221**.

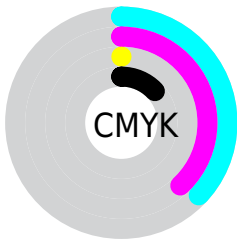
Distribution



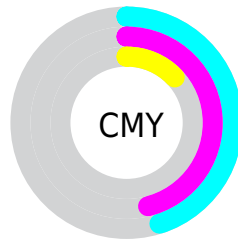
- Red (55%)
- Green (54%)
- Blue (87%)



- Red (55%)
- Yellow (54%)
- Blue (87%)



- Cyan (37%)
- Magenta (38%)
- Yellow (0%)
- Black (13%)





- Cyan (45%)
- Magenta (46%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RYB color 140, 138, 221 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 140, 138, 221 by changing the saturation by 10% instead.

 140, 138, 221

 140, 138, 221

255, 255, 255

 113, 113, 193

 196, 191, 255


 86, 88, 165

 225, 219, 255

 59, 65, 139

 254, 248, 255

 29, 41, 113

 0, 18, 88

 0, 0, 64

 0, 3, 41

 0, 1, 19

 0, 0, 0

■ 140, 138, 221

■ 140, 138, 221

■ 118, 116, 221

■ 162, 160, 221

■ 97, 94, 221

■ 183, 182, 221

■ 75, 72, 221

■ 205, 204, 221

■ 54, 50, 221

■ 221, 226, 221

■ 32, 27, 221

■ 221, 249, 222

■ 11, 5, 221

■ 221, 255, 221

■ 5, 0, 221

Harmonies

Analogous

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



49, 115, 229



140, 138, 221



192, 122, 193

Triad

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



140, 138, 221



207, 156, 79



0, 91, 167

Complementary

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



140, 138, 221



138, 221, 140

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.



84, 151, 163



140, 138, 221



109, 176, 61

Square

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



140, 138, 221



223, 114, 113



69, 155, 89



0, 87, 181

Rectangle

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



140, 138, 221



213, 114, 168



69, 155, 89



22, 106, 166

Sweetspot

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



140, 138, 221



228, 227, 255



138, 179, 221



111, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



140, 138, 221



143, 140, 255



181, 138, 221



99, 99, 110



4, 0, 173



1, 0, 46

Inverse Universe

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



221, 138, 219



255, 140, 252



138, 221, 181



110, 99, 109



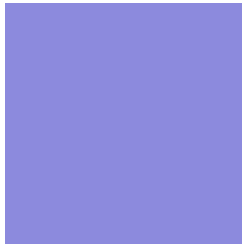
173, 0, 169



46, 0, 45

Previews

White Background



This preview shows how the RYB color 140, 138, 221 looks on a white background.

Color Contrast Check

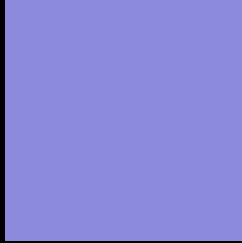
Large Text (above 18pt) WCAG AA ✓ Pass

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 140, 138, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

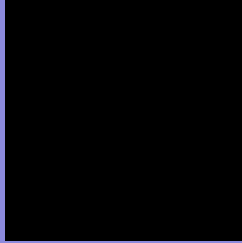
Any Text WCAG AA ✓ Pass

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 140, 138, 221 Background



This preview shows how black text looks on a background with the RYB color 140, 138, 221.

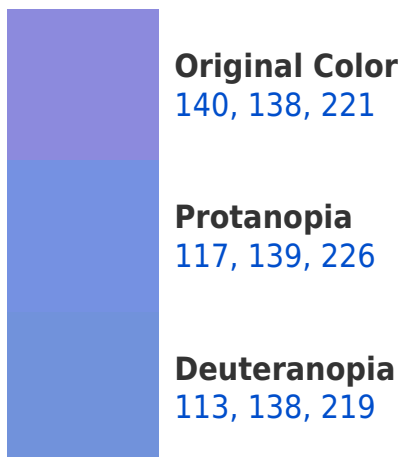


This preview shows how white text looks on a background with the RYB color 140, 138, 221.

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
127, 141, 162

Trichromacy



Original Color
140, 138, 221

Protanomaly
125, 140, 224

Deuteranomaly
123, 140, 220

Tritanomaly
132, 143, 183

Monochromacy



Original Color
140, 138, 221

Achromatopsia
148, 148, 148

Achromatomaly
145, 144, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 138, 221 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(140, 138, 221)` looks like.

```
.text, #text, p{  
    color:rgb(140, 138, 221)  
}
```

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(140, 138, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 138, 221) }
```

Border

The CSS property to change the border of an element to RYB 140, 138, 221 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(140, 138, 221) }
```

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

```
.border{ border-color:rgb(140, 138, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 138, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 138, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 138, 221);  
box-shadow:4px 4px 4px 4px rgb(140, 138,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 140, 138, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 138, 221) }
```

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

```
.background{ background-color: rgb(140,  
138, 221) }
```

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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