

Converting Colors

`RYB(141, 111, 232)`

Have a look what the booklet for RYB(141, 111, 232) contains.

RYB(141, 111, 232)	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

R_YB(141, 111, 232)

Conversions

Conversions Part 1

Format	Color
Hex	8D6FE8
RGB	141, 111, 232
RGB Percent	55%, 44%, 91%
CMY	0.4471, 0.5647, 0.0902
CMYK	0.39, 0.52, 0.00, 0.09
HSL	255°, 72%, 67%
HSV	255°, 52%, 91%
XYZ	31.2344, 22.8578, 79.1097
YIQ	133.7640, -20.9610, 43.9910

Conversions

Conversions Part 2

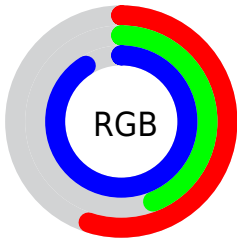
Format	Color
R_{YB}	141, 111, 232
Decimal	9269224
CIE _{Lab}	54.93, 39.33, -57.51
CIE _{LCh}	55, 69.673, 304.363
Yxy	22.8578, 0.2345, 0.1716
Android (android.graphics.Color)	4287459304 (0xFF8D6FE8)
YUV	133.7640, 48.4303, 6.3460
Hunter-Lab	47.8098, 32.9479, -64.6388

Details

The RYB color **141, 111, 232** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **111, 232, 141**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **199, 163, 255**, and **84, 62, 176** is the 20% darker color. If you saturate the color by 10%, you get **124, 88, 232**, and if you desaturate by 10%, it is **158, 134, 232**.

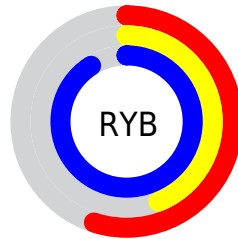
Distribution



Red (55%)

Green (44%)

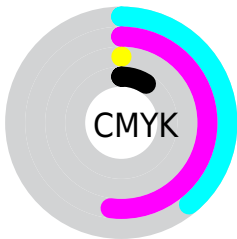
Blue (91%)



Red (55%)

Yellow (44%)

Blue (91%)

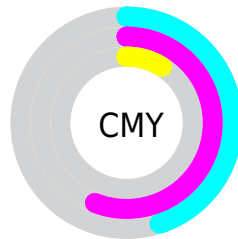


Cyan (39%)

Magenta (52%)

Yellow (0%)

Black (9%)



Cyan (45%)


Magenta (56%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 111, 232 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 141, 111, 232 by changing the saturation by 10% instead.

 141, 111, 232


255, 255, 255

 199, 163, 255

 228, 191, 255

 255, 219, 255

 255, 247, 255

 141, 111, 232

 113, 86, 203

 84, 62, 176

 54, 39, 148

 16, 16, 122


 0, 0, 96


 0, 0, 72

 0, 4, 48

 0, 1, 26


 0, 0, 0

 141, 111, 232

 141, 111, 232

 124, 88, 232


 158, 134, 232

 106, 65, 232

 176, 157, 232

 89, 41, 232

 193, 181, 232

 71, 18, 232

 211, 204, 232

 58, 0, 232

 228, 227, 232

 232, 250, 236

 232, 255, 232

Harmonies

Analogous

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



0, 88, 253



141, 111, 232



210, 80, 185

Triad

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



141, 111, 232



165, 198, 0



0, 84, 158

Complementary

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



141, 111, 232



111, 232, 141

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, 104, 155



141, 111, 232



20, 150, 0

Square

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



141, 111, 232



230, 80, 67



2, 147, 62



0, 88, 198

Rectangle

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



141, 111, 232



231, 65, 146



2, 147, 62



0, 90, 158

Sweetspot

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



141, 111, 232



224, 214, 255



111, 164, 232



109, 103, 128



0, 0, 0



128, 128, 128

Same Dimension

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



141, 111, 232



134, 94, 255



200, 111, 232



106, 103, 115



44, 0, 179



13, 0, 51

Inverse Universe

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



232, 111, 202



255, 94, 215



111, 232, 200



115, 103, 112



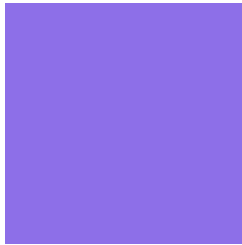
179, 0, 134



51, 0, 38

Previews

White Background



This preview shows how the RYB color 141, 111, 232 looks on a white background.

Color Contrast Check

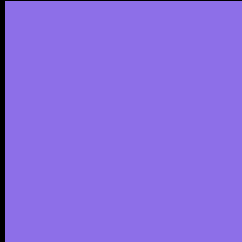
Large Text (above 18pt) WCAG AA ✓ Pass

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 141, 111, 232 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 141, 111, 232 Background



This preview shows how black text looks on a background with the RYB color 141, 111, 232.

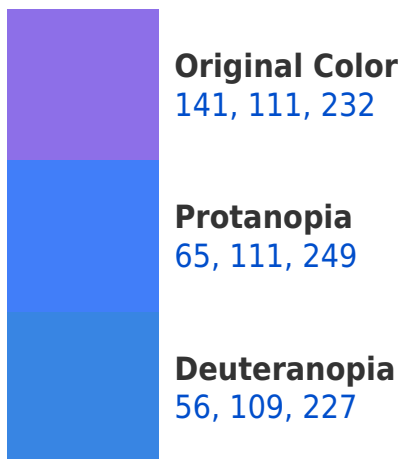


This preview shows how white text looks on a background with the RYB color 141, 111, 232.

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
121, 129, 144

Trichromacy



Original Color
141, 111, 232

Protanomaly
93, 117, 243

Deuteranomaly
87, 117, 229

Tritanomaly
128, 125, 176

Monochromacy



Original Color
141, 111, 232

Achromatopsia
134, 134, 134

Achromatomaly
137, 126, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 111, 232 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(141, 111, 232)` looks like.

```
.text, #text, p{  
    color:rgb(141, 111, 232)  
}
```

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(141, 111, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 111, 232) }
```

Border

The CSS property to change the border of an element to RYB 141, 111, 232 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(141, 111, 232) }
```

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

```
.border{ border-color:rgb(141, 111, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 111, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 111, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 111, 232);  
box-shadow:4px 4px 4px 4px rgb(141, 111,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 141, 111, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 111, 232) }
```

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

```
.background{ background-color: rgb(141,  
111, 232) }
```

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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