

Converting Colors

`RYB(143, 161, 222)`

Have a look what the booklet for RYB(143, 161, 222) contains.

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Color

$\text{RYB}(143, 161, 222)$

Conversions

Conversions Part 1

Format	Color
Hex	8FA6DE
RGB	143, 166, 222
RGB Percent	56%, 65%, 87%
CMY	0.4392, 0.3478, 0.1294
CMYK	0.36, 0.25, 0.00, 0.13
HSL	222°, 54%, 72%
HSV	222°, 36%, 87%
XYZ	38.2054, 38.4994, 74.5247
YIQ	165.5070, -31.6840, 12.5400

Conversions

Conversions Part 2

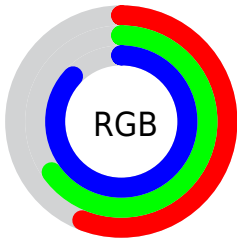
Format	Color
RYB	143, 161, 222
Decimal	9414366
CIELab	68.39, 5.27, -30.76
CIELCh	68, 31.209, 279.717
Yxy	38.4994, 0.2526, 0.2546
Android (android.graphics.Color)	4287604446 (0xFF8FA6DE)
YUV	165.5070, 27.8510, -19.7386
Hunter-Lab	62.0479, 1.3260, -27.7788

Details

The RYB color **143, 161, 222** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **175, 222, 143**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **199, 215, 255**, and **89, 108, 167** is the 20% darker color. If you saturate the color by 10%, you get **121, 144, 222**, and if you desaturate by 10%, it is **165, 178, 222**.

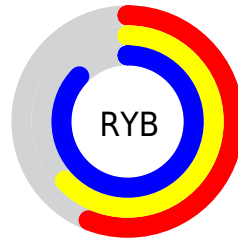
Distribution



Red (56%)

Green (65%)

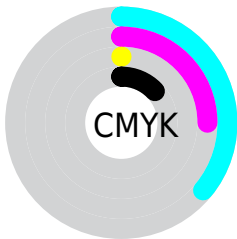
Blue (87%)



Red (56%)

Yellow (63%)

Blue (87%)

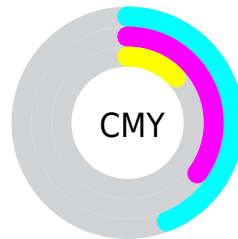


Cyan (36%)

Magenta (25%)

Yellow (0%)

Black (13%)



Cyan (44%)

Magenta (35%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 161, 222 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 143, 161, 222 by changing the saturation by 10% instead.


 143, 161, 222

255, 255, 255

 199, 215, 255

 227, 240, 255

 143, 161, 222


 116, 134, 194

 89, 109, 167

 63, 83, 140

 36, 58, 114

 0, 30, 90

 0, 18, 66

 0, 3, 44

 0, 1, 22

 0, 0, 0

■ 143, 161, 222

■ 143, 161, 222

■ 121, 144, 222

■ 165, 178, 222

■ 99, 127, 222

■ 187, 195, 222

■ 76, 109, 222

■ 210, 212, 222

■ 54, 93, 222

■ 226, 232, 222

■ 32, 75, 222

■ 235, 254, 222

■ 10, 58, 222

■ 222, 255, 222

■ 0, 51, 222

Harmonies

Analogous

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



101, 146, 219



143, 161, 222



182, 156, 210

Triad

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



143, 161, 222



219, 155, 132



113, 159, 181

Complementary

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



143, 161, 222



175, 222, 143

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.



123, 176, 153



143, 161, 222



203, 201, 114

Square

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



143, 161, 222



222, 146, 158



121, 177, 111



82, 134, 182

Rectangle

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



143, 161, 222



202, 150, 196



121, 177, 111



124, 168, 179

Sweetspot

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



143, 161, 222



227, 233, 255



143, 190, 222



111, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



143, 161, 222



145, 170, 255



159, 143, 222



101, 103, 112



0, 40, 176



0, 11, 48

Inverse Universe

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



222, 143, 166



255, 145, 178



143, 222, 159



112, 101, 104



176, 0, 52



48, 0, 14

Previews

White Background



This preview shows how the RYB color 143, 161, 222 looks on a white background.

Color Contrast Check

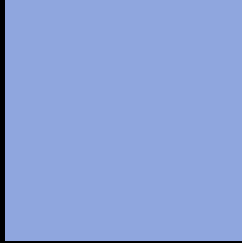
Large Text (above 18pt) WCAG AA × Fail

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 143, 161, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

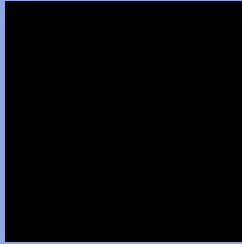
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

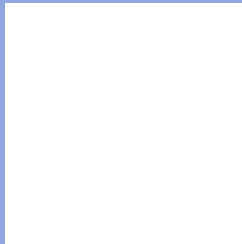
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 143, 161, 222 Background



This preview shows how black text looks on a background with the RYB color 143, 161, 222.



This preview shows how white text looks on a background with the RYB color 143, 161, 222.

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](#).

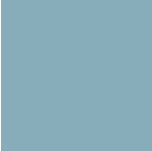
Dichromacy



Original Color
143, 161, 222

Protanopia
151, 162, 221

Deuteranopia
151, 162, 223



Tritanopia
135, 157, 187

Trichromacy



Original Color
143, 161, 222

Protanomaly
148, 162, 221

Deuteranomaly
148, 162, 223

Tritanomaly
138, 160, 200

Monochromacy



Original Color
143, 161, 222

Achromatopsia
166, 166, 166

Achromatomaly
158, 164, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 161, 222 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(143, 166, 222)` looks like.

```
.text, #text, p{  
    color:rgb(143, 166, 222)  
}
```

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(143, 166, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 166, 222) }
```

Border

The CSS property to change the border of an element to RYB 143, 161, 222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

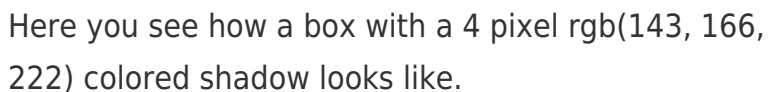
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 166, 222) }
```

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

```
.border{ border-color:rgb(143, 166, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(143, 166, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 166, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 166, 222); box-shadow:4px 4px 4px 4px rgb(143, 166, 222) }
```

Background

The CSS property to change the background color of an element to RYB 143, 161, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 166, 222) }
```

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

```
.background{ background-color: rgb(143,  
166, 222) }
```

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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