

Converting Colors

`RYB(139, 149, 223)`

Have a look what the booklet for
RYB(139, 149, 223) contains.

RYB(139, 149, 223)	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(139, 149, 223)

Conversions

Conversions Part 1

Format	Color
Hex	8B96DF
RGB	139, 150, 223
RGB Percent	55%, 59%, 87%
CMY	0.4549, 0.4104, 0.1255
CMYK	0.38, 0.33, 0.00, 0.13
HSL	232°, 57%, 71%
HSV	232°, 38%, 87%
XYZ	34.9292, 32.7417, 74.2908
YIQ	155.0330, -29.9890, 20.3710

Conversions

Conversions Part 2

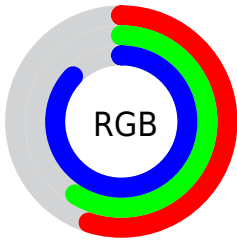
Format	Color
RYB	139, 149, 223
Decimal	9148127
CIELab	63.95, 13.52, -38.22
CIElCh	64, 40.546, 289.483
Yxy	32.7417, 0.2460, 0.2306
Android (android.graphics.Color)	4287338207 (0xFF8B96DF)
YUV	155.0330, 33.5077, -14.0609
Hunter-Lab	57.2203, 8.8269, -36.9237

Details

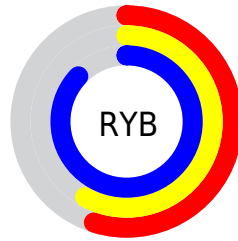
The RYB color **139, 149, 223** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **152, 223, 139**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **195, 203, 255**, and **85, 97, 167** is the 20% darker color. If you saturate the color by 10%, you get **117, 129, 223**, and if you desaturate by 10%, it is **161, 169, 223**.

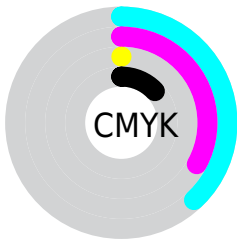
Distribution



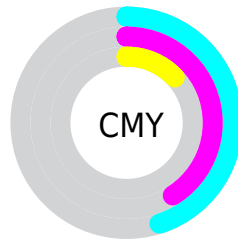
- Red (55%)
- Green (59%)
- Blue (87%)



- Red (55%)
- Yellow (58%)
- Blue (87%)



- Cyan (38%)
- Magenta (33%)
- Yellow (0%)
- Black (13%)



- Cyan (45%)
- Magenta (41%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 149, 223 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 139, 149, 223 by changing the saturation by 10% instead.

 139, 149, 223


255, 255, 255

 195, 203, 255

 224, 230, 255

253, 254, 255

 139, 149, 223

 112, 123, 195

 85, 98, 167


 58, 73, 141

 28, 48, 115

 0, 24, 90

 0, 9, 66

 0, 3, 43

 0, 1, 22

 0, 0, 0

■ 139, 149, 223

■ 139, 149, 223

■ 117, 129, 223

■ 161, 169, 223

■ 94, 110, 223

■ 184, 188, 223

■ 72, 90, 223

■ 206, 208, 223

■ 50, 70, 223

■ 224, 228, 223

■ 28, 51, 223

■ 228, 251, 223

■ 5, 31, 223

■ 223, 255, 223

■ 0, 26, 223

Harmonies

Analogous

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



70, 128, 226



139, 149, 223



188, 137, 202

Triad

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



139, 149, 223



214, 152, 101



59, 125, 173

Complementary

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



139, 149, 223



152, 223, 139

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.



107, 169, 163



139, 149, 223



150, 189, 83

Square

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



139, 149, 223



224, 127, 133



85, 160, 91



0, 88, 178

Rectangle

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



139, 149, 223



209, 130, 181



85, 160, 91



79, 140, 172

Sweetspot

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



139, 149, 223



227, 231, 255



139, 185, 223



111, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



139, 149, 223



140, 154, 255



168, 139, 223



101, 102, 112



0, 21, 176



0, 6, 48

Inverse Universe

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



223, 139, 150



255, 140, 156



139, 223, 168



112, 101, 102



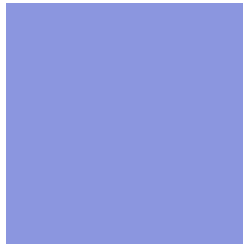
176, 0, 24



48, 0, 7

Previews

White Background



This preview shows how the RYB color 139, 149, 223 looks on a white background.

Color Contrast Check

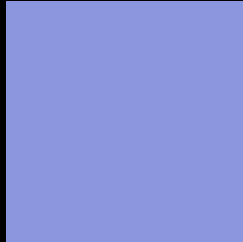
Large Text (above 18pt) WCAG AA × Fail

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 139, 149, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

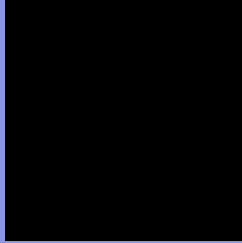
Any Text WCAG AA ✓ Pass

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 139, 149, 223 Background



This preview shows how black text looks on a background with the RYB color 139, 149, 223.



This preview shows how white text looks on a background with the RYB color 139, 149, 223.

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
139, 149, 223

Protanopia
131, 148, 225

Deuteranopia
128, 148, 222



Tritanopia
127, 146, 173

Trichromacy



Original Color
139, 149, 223

Protanomaly
134, 148, 224

Deuteranomaly
132, 148, 222

Tritanomaly
131, 149, 191

Monochromacy



Original Color
139, 149, 223

Achromatopsia
155, 155, 155

Achromatomaly
149, 153, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 149, 223 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(139, 150, 223)` looks like.

```
.text, #text, p{  
    color:rgb(139, 150, 223)  
}
```

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(139, 150, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 150, 223) }
```

Border

The CSS property to change the border of an element to RYB 139, 149, 223 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(139, 150, 223) }
```

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

```
.border{ border-color:rgb(139, 150, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 150, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 150, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 150, 223);  
box-shadow:4px 4px 4px 4px rgb(139, 150,  
223) }
```

Background

The CSS property to change the background color of an element to RYB 139, 149, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 150, 223) }
```

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

```
.background{ background-color: rgb(139,  
150, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor