

Converting Colors

`RYB(139, 153, 198)`

Have a look what the booklet for
RYB(139, 153, 198) contains.

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Color

R_YB(139, 153, 198)

Conversions

Conversions Part 1

Format	Color
Hex	8B9DC6
RGB	139, 157, 198
RGB Percent	55%, 62%, 78%
CMY	0.4549, 0.3829, 0.2235
CMYK	0.30, 0.21, 0.00, 0.22
HSL	221°, 34%, 66%
HSV	221°, 30%, 78%
XYZ	32.9577, 33.8006, 58.2132
YIQ	156.2920, -23.8890, 8.9350

Conversions

Conversions Part 2

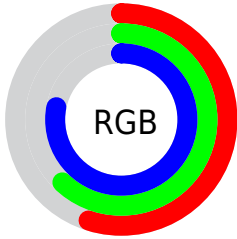
Format	Color
RYB	139, 153, 198
Decimal	9149894
CIELab	64.80, 2.98, -23.01
CIELCh	65, 23.199, 277.376
Yxy	33.8006, 0.2637, 0.2705
Android (android.graphics.Color)	4287339974 (0xFF8B9DC6)
YUV	156.2920, 20.5620, -15.1651
Hunter-Lab	58.1383, -0.5531, -18.6696

Details

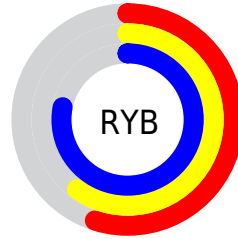
The RYB color **139, 153, 198** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **165, 198, 139**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **194, 207, 255**, and **87, 101, 144** is the 20% darker color. If you saturate the color by 10%, you get **119, 138, 198**, and if you desaturate by 10%, it is **159, 168, 198**.

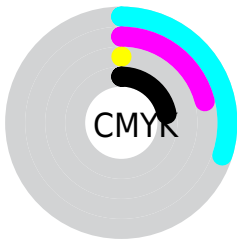
Distribution



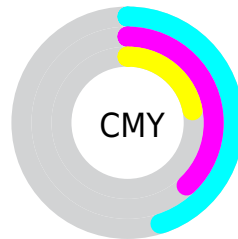
- Red (55%)
- Green (62%)
- Blue (78%)



- Red (55%)
- Yellow (60%)
- Blue (78%)



- Cyan (30%)
- Magenta (21%)
- Yellow (0%)
- Black (22%)



- Cyan (45%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 139, 153, 198 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, 153, 198 by changing the saturation by 10% instead.

■ 139, 153, 198

255, 255, 255

■ 194, 208, 255

■ 222, 234, 255

■ 251, 253, 255

■ 139, 153, 198

■ 113, 127, 171

■ 87, 101, 144

■ 62, 77, 118

■ 37, 53, 93

■ 10, 29, 70

■ 0, 12, 47

■ 0, 1, 26


■ 0, 0, 0


■ 139, 153, 198


■ 139, 153, 198

 119, 138, 198

 159, 168, 198

 99, 123, 198

 179, 184, 198

 80, 108, 198


 198, 198, 198

 60, 93, 198

 207, 218, 198

 40, 77, 198

 215, 238, 198

 20, 63, 198

 220, 255, 198

 0, 47, 198

 200, 255, 198

 198, 255, 198

Harmonies

Analogous

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



112, 144, 195



139, 153, 198



167, 150, 190

Triad

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



139, 153, 198



198, 148, 133



121, 154, 168

Complementary

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



139, 153, 198



165, 198, 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.



124, 164, 144



139, 153, 198



186, 180, 119

Square

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



139, 153, 198



199, 142, 153



127, 167, 116



102, 137, 169

Rectangle

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



139, 153, 198



182, 146, 180



127, 167, 116



128, 161, 166

Sweetspot

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



139, 153, 198



232, 237, 255



139, 174, 198



113, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



139, 153, 198



163, 185, 255



150, 139, 198



90, 92, 99



0, 39, 163



0, 8, 36

Inverse Universe

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



198, 139, 157



255, 163, 192



139, 198, 150



99, 90, 93



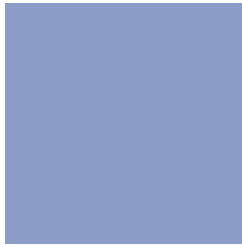
163, 0, 51



36, 0, 11

Previews

White Background



This preview shows how the RYB color 139, 153, 198 looks on a white background.

Color Contrast Check

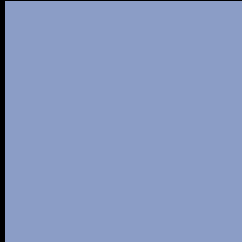
Large Text (above 18pt) WCAG AA × Fail

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, 153, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

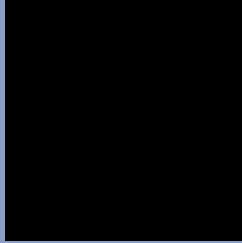
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

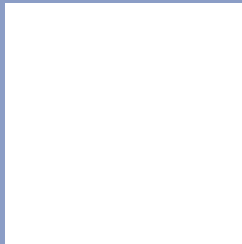
Any Text WCAG AAA ✓ Pass

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

RYB 139, 153, 198 Background



This preview shows how black text looks on a background with the RYB color 139, 153, 198.



This preview shows how white text looks on a background with the RYB color 139, 153, 198.

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, 153, 198

Protanopia
147, 154, 197

Deuteranopia
150, 154, 199



Tritanopia

134, 150, 174

Trichromacy



Original Color
139, 153, 198

Protanomaly
144, 154, 197

Deuteranomaly
146, 154, 199

Tritanomaly
136, 152, 183

Monochromacy



Original Color
139, 153, 198

Achromatopsia
157, 157, 157

Achromatomaly
150, 155, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 153, 198 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, 157, 198)` looks like.

```
.text, #text, p{  
    color:rgb(139, 157, 198)  
}
```

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, 157, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 157, 198) }
```

Border

The CSS property to change the border of an element to RYB 139, 153, 198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

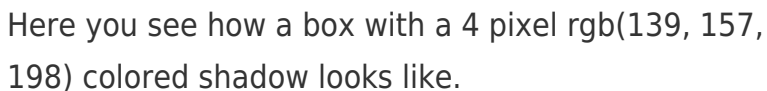
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 157, 198) }
```

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

```
.border{ border-color:rgb(139, 157, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 157, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 157, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 157, 198); box-shadow:4px 4px 4px 4px rgb(139, 157, 198) }
```

Background

The CSS property to change the background color of an element to RYB 139, 153, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 157, 198) }
```

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

```
.background{ background-color: rgb(139,  
157, 198) }
```

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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