

Converting Colors

`RYB(139, 118, 178)`

Have a look what the booklet for
RYB(139, 118, 178) contains.

RYB(139, 118, 178)	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, 118, 178)

Conversions

Conversions Part 1

Format	Color
Hex	8B76B2
RGB	139, 118, 178
RGB Percent	55%, 46%, 70%
CMY	0.4549, 0.5373, 0.3020
CMYK	0.22, 0.34, 0.00, 0.30
HSL	261°, 28%, 58%
HSV	261°, 34%, 70%
XYZ	25.1618, 21.6602, 44.9741
YIQ	131.1190, -6.7440, 23.1120

Conversions

Conversions Part 2

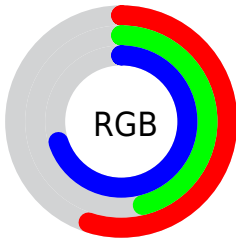
Format	Color
R_{YB}	139, 118, 178
Decimal	9139890
CIE _{Lab}	53.66, 20.77, -28.84
CIE _{LCh}	54, 35.537, 305.766
Yxy	21.6602, 0.2741, 0.2360
Android (android.graphics.Color)	4287329970 (0xFF8B76B2)
YUV	131.1190, 23.1123, 6.9116
Hunter-Lab	46.5405, 15.0588, -24.7162

Details

The RYB color **139, 118, 178** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **118, 178, 139**, and the grayscale version is **131, 131, 131**.

A 20% lighter version of the original color is **193, 170, 234**, and **88, 69, 125** is the 20% darker color. If you saturate the color by 10%, you get **127, 100, 178**, and if you desaturate by 10%, it is **151, 136, 178**.

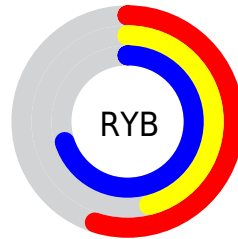
Distribution



Red (55%)

Green (46%)

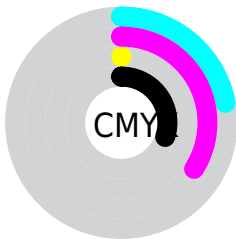
Blue (70%)



Red (55%)

Yellow (46%)

Blue (70%)

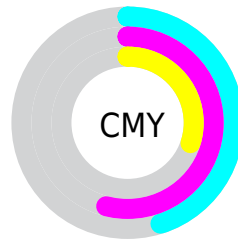


Cyan (22%)

Magenta (34%)

Yellow (0%)

Black (30%)



Cyan (45%)

Magenta (54%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the RYB color 139, 118, 178 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, 118, 178 by changing the saturation by 10% instead.

 139, 118, 178

255, 255, 255

 193, 170, 234

 222, 198, 255

 250, 226, 255

255, 254, 255

 139, 118, 178

 139, 118, 178

 113, 93, 151

 88, 69, 125

 63, 47, 100

 39, 26, 76

 18, 1, 53

 0, 2, 31

 0, 0, 2

 0, 0, 0

 139, 118, 178

127, 100, 178

151, 136, 178

116, 82, 178

162, 154, 178

104, 65, 178

174, 171, 178

93, 47, 178

178, 189, 182

81, 29, 178

178, 207, 188

70, 11, 178

178, 225, 195

62, 0, 178

178, 243, 201

178, 255, 201

178, 255, 190

Harmonies

Analogous

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



90, 118, 189



139, 118, 178



171, 108, 154

Triad

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



139, 118, 178



168, 159, 73



0, 75, 144

Complementary

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



139, 118, 178



118, 178, 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.



70, 120, 142



139, 118, 178



83, 142, 66

Square

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



139, 118, 178



184, 111, 94



77, 137, 105



0, 76, 163

Rectangle

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



139, 118, 178



183, 104, 134



77, 137, 105



32, 94, 144

Sweetspot

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



139, 118, 178



217, 209, 232



118, 142, 178



108, 103, 117



245, 245, 245



117, 117, 117

Same Dimension

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



139, 118, 178



172, 139, 232



169, 118, 178



83, 80, 89



54, 0, 153



9, 0, 26

Inverse Universe

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



178, 118, 157



232, 139, 200



118, 178, 169



89, 80, 86



153, 0, 99



26, 0, 17

Previews

White Background



This preview shows how the RYB color 139, 118, 178 looks on a white background.

Color Contrast Check

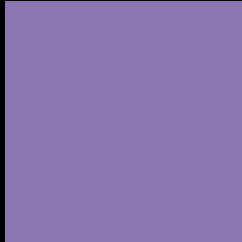
Large Text (above 18pt) WCAG AA ✓ Pass

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 139, 118, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

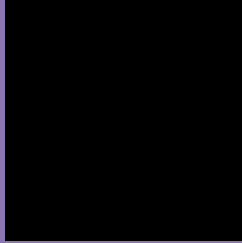
Any Text WCAG AA ✓ Pass

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 139, 118, 178 Background



This preview shows how black text looks on a background with the RYB color 139, 118, 178.

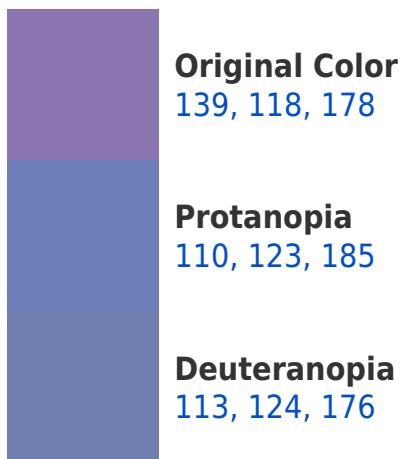


This preview shows how white text looks on a background with the RYB color 139, 118, 178.

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
132, 126, 136

Trichromacy



Original Color
139, 118, 178

Protanomaly
121, 123, 182

Deuteranomaly
122, 124, 177

Tritanomaly
135, 123, 151

Monochromacy



Original Color
139, 118, 178

Achromatopsia
131, 131, 131

Achromatomaly
134, 126, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 118, 178 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, 118, 178)` looks like.

```
.text, #text, p{  
    color:rgb(139, 118, 178)  
}
```

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, 118, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 118, 178) }
```

Border

The CSS property to change the border of an element to RYB 139, 118, 178 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, 118, 178) }
```

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

```
.border{ border-color:rgb(139, 118, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 118, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 118, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 118, 178);  
box-shadow:4px 4px 4px 4px rgb(139, 118,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 139, 118, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 118, 178) }
```

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

```
.background{ background-color: rgb(139,  
118, 178) }
```

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