

Converting Colors

`RYB(139, 69, 138)`

Have a look what the booklet for
RYB(139, 69, 138) contains.

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Color

R_YB(139, 69, 138)

Conversions

Conversions Part 1

Format	Color
Hex	8B458A
RGB	139, 69, 138
RGB Percent	55%, 27%, 54%
CMY	0.4549, 0.7294, 0.4588
CMYK	0.00, 0.50, 0.01, 0.45
HSL	301°, 34%, 41%
HSV	301°, 50%, 55%
XYZ	17.3630, 11.5802, 25.3648
YIQ	97.7960, 19.5710, 36.2990

Conversions

Conversions Part 2

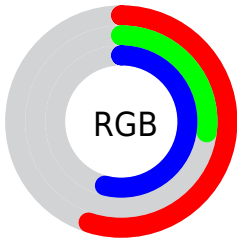
Format	Color
R_{YB}	139, 69, 138
Decimal	9127306
CIE Lab	40.54, 39.99, -25.58
CIE LCh	41, 47.472, 327.400
Yxy	11.5802, 0.3197, 0.2132
Android (android.graphics.Color)	4287317386 (0xFF8B458A)
YUV	97.7960, 19.8206, 36.1359
Hunter-Lab	34.0297, 31.5245, -20.3724

Details

The RYB color **139, 69, 138** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **69, 138, 139**, and the grayscale version is **98, 98, 98**.

A 20% lighter version of the original color is **194, 120, 192**, and **87, 17, 88** is the 20% darker color. If you saturate the color by 10%, you get **139, 55, 138**, and if you desaturate by 10%, it is **139, 83, 138**.

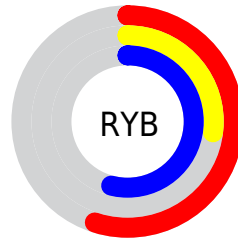
Distribution



Red (55%)

Green (27%)

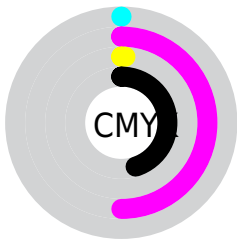
Blue (54%)



Red (55%)

Yellow (27%)

Blue (54%)

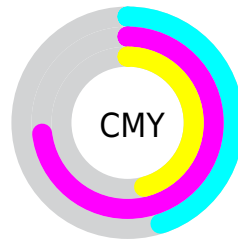


Cyan (0%)

Magenta (50%)

Yellow (1%)

Black (45%)



Cyan (45%)


Magenta (73%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the RYB color 139, 69, 138 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, 69, 138 by changing the saturation by 10% instead.

 139, 69, 138

255, 255, 255

 194, 120, 192

 223, 147, 220

 252, 174, 248

 255, 202, 255


 255, 230, 255

 139, 69, 138

 112, 44, 112

 87, 17, 88

 62, 0, 64

 41, 0, 42

 0, 1, 20

 0, 0, 0

 139, 69, 138

 139, 55, 138

 139, 41, 138

 139, 69, 138

 139, 83, 138

 139, 97, 138

 139, 27, 137

 139, 111, 139

 139, 13, 137

 139, 125, 139

 139, 0, 137

 139, 139, 139

 139, 152, 152

 139, 166, 166

 139, 179, 180

 139, 193, 194

Harmonies

Analogous

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



88, 87, 165



139, 69, 138



162, 57, 101

Triad

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



139, 69, 138



34, 118, 2



0, 60, 130

Complementary

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



139, 69, 138



69, 138, 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.



0, 63, 113



139, 69, 138



16, 104, 40

Square

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



139, 69, 138



147, 110, 29



16, 84, 110



0, 65, 161

Rectangle

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



139, 69, 138



165, 58, 75



16, 84, 110



0, 58, 118

Sweetspot

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



139, 69, 138



181, 154, 181



69, 69, 139



92, 75, 92



219, 219, 219



92, 92, 92

Same Dimension

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



139, 69, 138



181, 72, 179



139, 69, 104



69, 62, 69



133, 0, 131



5, 0, 5

Inverse Universe

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



139, 69, 138



181, 72, 179



69, 116, 139



69, 62, 69



133, 0, 131



5, 0, 5

Previews

White Background



This preview shows how the RYB color 139, 69, 138 looks on a white 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

Black Background



This preview shows how the RYB color 139, 69, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

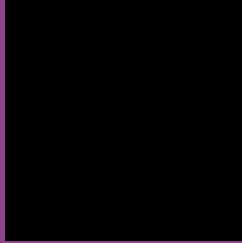
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 139, 69, 138 Background



This preview shows how black text looks on a background with the RYB color 139, 69, 138.

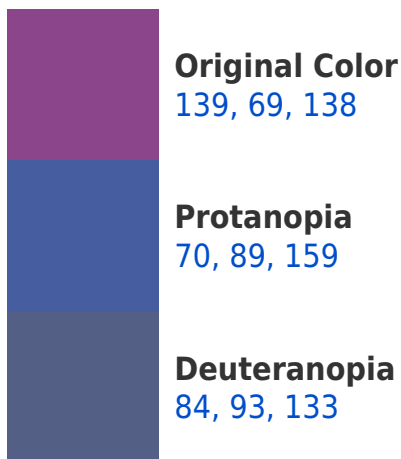


This preview shows how white text looks on a background with the RYB color 139, 69, 138.

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
133, 81, 87

Trichromacy



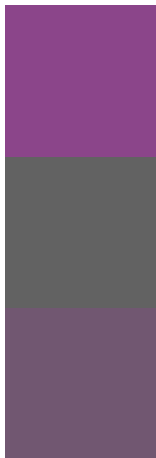
Original Color
139, 69, 138

Protanomaly
95, 85, 151

Deuteranomaly
104, 86, 135

Tritanomaly
135, 77, 106

Monochromacy



Original Color
139, 69, 138

Achromatopsia
98, 98, 98

Achromatomaly
113, 87, 113

CSS Examples

Text

The CSS property to change the color of the text to RYB 139, 69, 138 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, 69, 138)` looks like.

```
.text, #text, p{  
    color:rgb(139, 69, 138)  
}
```

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, 69, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 69, 138) }
```

Border

The CSS property to change the border of an element to RYB 139, 69, 138 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, 69, 138) }
```

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

```
.border{ border-color:rgb(139, 69, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 69, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 69, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 69, 138);  
box-shadow:4px 4px 4px 4px rgb(139, 69,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 139, 69, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 69, 138) }
```

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

```
.background{ background-color: rgb(139, 69,  
138) }
```

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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