

# Converting Colors

RGB(139, 129, 188)

Have a look what the booklet for  
RGB(139, 129, 188) contains.

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# **Color**

**RGB(139, 129, 188)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B81BC
RGB	139, 129, 188
RGB Percent	55%, 51%, 74%
CMY	0.4549, 0.4941, 0.2627
CMYK	0.26, 0.31, 0.00, 0.26
HSL	250°, 31%, 62%
HSV	250°, 31%, 74%
XYZ	27.5748, 24.8203, 50.9144
YIQ	138.7160, -12.9790, 20.4690

# Conversions

## Conversions Part 2

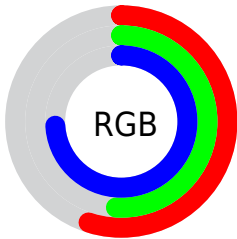
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 129, 188
Decimal	9142716
CIE Lab	56.90, 16.78, -29.55
CIE LCh	57, 33.976, 299.588
Yxy	24.8203, 0.2669, 0.2403
Android (android.graphics.Color)	4287332796 (0xFF8B81BC)
YUV	138.7160, 24.2970, 0.2491
Hunter-Lab	49.8200, 11.6128, -25.7184

# Details

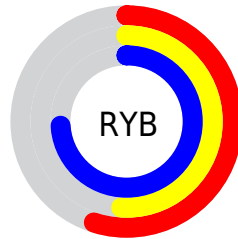
The RGB color **139, 129, 188** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **178, 188, 129**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **194, 182, 244**, and **87, 80, 134** is the 20% darker color. If you saturate the color by 10%, you get **123, 110, 188**, and if you desaturate by 10%, it is **155, 148, 188**.

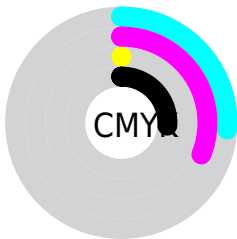
# Distribution



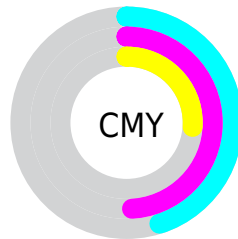
- Red (55%)
- Green (51%)
- Blue (74%)



- Red (55%)
- Yellow (51%)
- Blue (74%)



- Cyan (26%)
- Magenta (31%)
- Yellow (0%)
- Black (26%)



- Cyan (45%)
- Magenta (49%)
- Yellow (26%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 139, 129, 188 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 RGB color 139, 129, 188 by changing the saturation by 10% instead.



 139, 129, 188

255, 255, 255

 194, 182, 244

 222, 209, 255


 251, 238, 255

 139, 129, 188

 113, 104, 161


 87, 80, 134

 63, 57, 109

 38, 35, 84

 13, 15, 61

 0, 0, 39

 0, 1, 16


 0, 0, 0


 139, 129, 188

 139, 129, 188

 123, 110, 188

 155, 148, 188

 108, 91, 188


 170, 167, 188

 92, 73, 188


 186, 185, 188

 77, 54, 188

 201, 204, 188

 61, 35, 188

 217, 223, 188

 45, 16, 188

 233, 242, 188

 32, 0, 188

 248, 255, 188

 255, 255, 188

# Harmonies

## Analogous

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



91, 140, 195



139, 129, 188



173, 119, 167

# Triad

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



139, 129, 188



180, 124, 86



46, 152, 135

# Complementary

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



139, 129, 188



178, 188, 129

# 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.



90, 149, 106



139, 129, 188



156, 135, 77

# Square

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



139, 129, 188



193, 116, 109



125, 143, 84



0, 152, 165

# Rectangle

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



139, 129, 188



187, 114, 148



125, 143, 84



62, 152, 125



# Sweetspot

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



139, 129, 188



227, 223, 245



129, 178, 188



111, 109, 122



250, 250, 250



122, 122, 122



# Same Dimension

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



139, 129, 188



168, 152, 245



168, 129, 188



87, 85, 94



27, 0, 158



5, 0, 31



# Inverse Universe

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



188, 129, 178



245, 152, 229



149, 188, 129



94, 85, 93



158, 0, 131



31, 0, 25



# Previews

## White Background



This preview shows how the RGB color 139, 129, 188 looks on a white background.

## Color Contrast Check

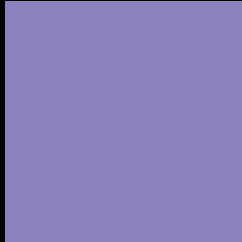
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the RGB color 139, 129, 188 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](#).



## RGB 139, 129, 188 Background



This preview shows how black text looks on a background with the RGB color 139, 129, 188.

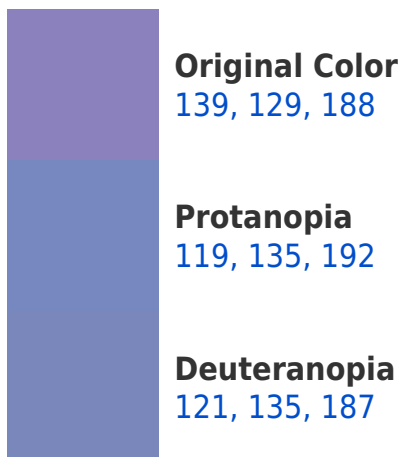


This preview shows how white text looks on a background with the RGB color 139, 129, 188.

# 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

131, 137, 148

# Trichromacy



**Original Color**  
139, 129, 188

**Protanomaly**  
126, 133, 191

**Deuteranomaly**  
128, 133, 187

**Tritanomaly**  
134, 134, 163

# Monochromacy



**Original Color**  
139, 129, 188

**Achromatopsia**  
139, 139, 139

**Achromatomaly**  
139, 135, 157

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 139, 129, 188 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, 129, 188)` looks like.

```
.text, #text, p{  
    color:rgb(139, 129, 188)  
}
```

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, 129, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 129, 188) }
```

## Border

The CSS property to change the border of an element to RGB 139, 129, 188 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, 129, 188) }
```

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

```
.border{ border-color:rgb(139, 129, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 129, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 129, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 129, 188);  
box-shadow:4px 4px 4px 4px rgb(139, 129,  
188) }
```

# Background

The CSS property to change the background color of an element to RGB 139, 129, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 129, 188) }
```

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

```
.background{ background-color: rgb(139,  
129, 188) }
```

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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