

Converting Colors

RGB(139, 105, 170)

Have a look what the booklet for
RGB(139, 105, 170) contains.

RGB(139, 105, 170)	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

RGB(139, 105, 170)

Conversions

Conversions Part 1

Format	Color
Hex	8B69AA
RGB	139, 105, 170
RGB Percent	55%, 41%, 67%
CMY	0.4549, 0.5882, 0.3333
CMYK	0.18, 0.38, 0.00, 0.33
HSL	271°, 28%, 54%
HSV	271°, 38%, 67%
XYZ	22.9547, 18.4944, 40.3901
YIQ	122.5760, -0.6010, 27.4230

Conversions

Conversions Part 2

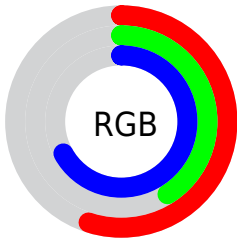
Format	Color
R_{YB}	139, 105, 170
Decimal	9136554
CIE _{Lab}	50.09, 26.50, -29.75
CIE _{LCh}	50, 39.846, 311.690
Yxy	18.4944, 0.2805, 0.2260
Android (android.graphics.Color)	4287326634 (0xFF8B69AA)
YUV	122.5760, 23.3800, 14.4038
Hunter-Lab	43.0051, 20.0186, -25.5812

Details

The RGB color **139, 105, 170** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **136, 170, 105**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **193, 157, 226**, and **88, 57, 117** is the 20% darker color. If you saturate the color by 10%, you get **131, 88, 170**, and if you desaturate by 10%, it is **147, 122, 170**.

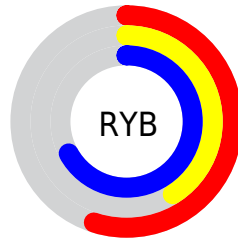
Distribution



Red (55%)

Green (41%)

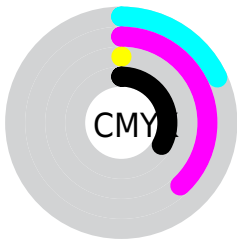
Blue (67%)



Red (55%)

Yellow (41%)

Blue (67%)

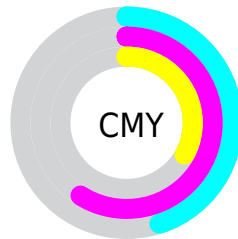


Cyan (18%)

Magenta (38%)

Yellow (0%)

Black (33%)



Cyan (45%)

Magenta (59%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RGB color 139, 105, 170 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, 105, 170 by changing the saturation by 10% instead.

 139, 105, 170


255, 255, 255

 193, 157, 226

 222, 184, 254


 251, 212, 255

 255, 240, 255

 139, 105, 170

 113, 81, 143

 88, 57, 117

 63, 35, 93


 39, 13, 69

 22, 0, 46


 0, 1, 24

 0, 0, 0

 139, 105, 170

 131, 88, 170


 139, 105, 170

 147, 122, 170


 123, 71, 170

 155, 139, 170


 115, 54, 170


 163, 156, 170

 107, 37, 170

 171, 173, 170

 98, 20, 170

 180, 190, 170

 90, 3, 170

 188, 207, 170

 89, 0, 170

 196, 224, 170

 204, 241, 170

 212, 255, 170

Harmonies

Analogous

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



86, 118, 185



139, 105, 170



171, 94, 141

Triad

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



139, 105, 170



156, 110, 54



0, 136, 132

Complementary

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



139, 105, 170



136, 170, 105

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.



35, 135, 97



139, 105, 170



126, 122, 50

Square

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



139, 105, 170



177, 98, 76



89, 130, 67



0, 134, 163

Rectangle

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



139, 105, 170



181, 90, 119



89, 130, 67



0, 136, 120

Sweetspot

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



139, 105, 170



210, 197, 222



105, 136, 170



105, 98, 112



240, 240, 240



112, 112, 112

Same Dimension

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



139, 105, 170



173, 120, 222



170, 105, 169



80, 76, 84



77, 0, 148



11, 0, 20

Inverse Universe

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



170, 105, 136



222, 120, 168



105, 170, 106



84, 76, 80



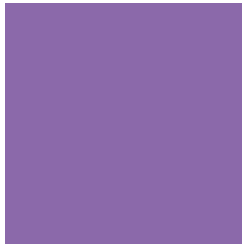
148, 0, 71



20, 0, 10

Previews

White Background



This preview shows how the RGB color 139, 105, 170 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, 105, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

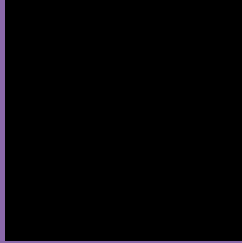
Any Text WCAG AA ✓ Pass

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, 105, 170 Background



This preview shows how black text looks on a background with the RGB color 139, 105, 170.

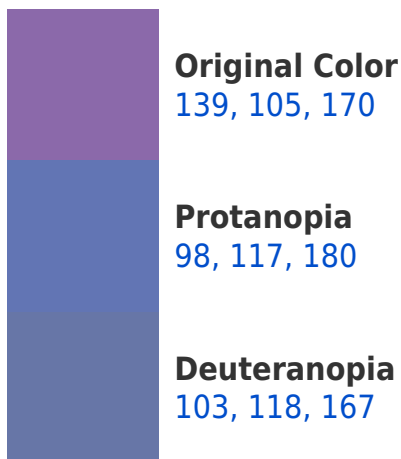



This preview shows how white text looks on a background with the RGB color 139, 105, 170.

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, 115, 124

Trichromacy



Original Color

139, 105, 170

Protanomaly

113, 113, 176

Deuteranomaly

116, 113, 168

Tritanomaly

134, 111, 141

Monochromacy



Original Color

139, 105, 170

Achromatopsia

123, 123, 123

Achromatomaly

129, 116, 140

CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 105, 170 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, 105, 170)` looks like.

```
.text, #text, p{  
    color:rgb(139, 105, 170)  
}
```

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, 105, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 105, 170) }
```

Border

The CSS property to change the border of an element to RGB 139, 105, 170 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, 105, 170) }
```

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

```
.border{ border-color:rgb(139, 105, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 105, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 105, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 105, 170); box-shadow:4px 4px 4px 4px rgb(139, 105, 170) }
```

Background

The CSS property to change the background color of an element to RGB 139, 105, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 105, 170) }
```

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

```
.background{ background-color: rgb(139,  
105, 170) }
```

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