

Converting Colors

RGB(139, 102, 153)

Have a look what the booklet for
RGB(139, 102, 153) contains.

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Color

RGB(139, 102, 153)

Conversions

Conversions Part 1

Format	Color
Hex	8B6699
RGB	139, 102, 153
RGB Percent	55%, 40%, 60%
CMY	0.4549, 0.6000, 0.4000
CMYK	0.09, 0.33, 0.00, 0.40
HSL	284°, 20%, 50%
HSV	284°, 33%, 60%
XYZ	21.1486, 17.2916, 32.3600
YIQ	118.8770, 5.6810, 23.7050

Conversions

Conversions Part 2

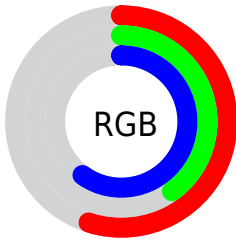
Format	Color
R_{YB}	139, 102, 153
Decimal	9135769
CIE _{Lab}	48.63, 24.42, -22.05
CIE _{LCh}	49, 32.903, 317.931
Yxy	17.2916, 0.2987, 0.2442
Android (android.graphics.Color)	4287325849 (0xFF8B6699)
YUV	118.8770, 16.8226, 17.6479
Hunter-Lab	41.5832, 18.0119, -17.0311

Details

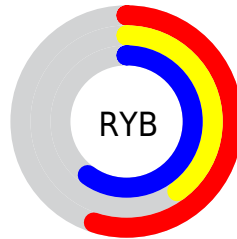
The RGB color **139, 102, 153** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **116, 153, 102**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **193, 153, 207**, and **88, 54, 102** is the 20% darker color. If you saturate the color by 10%, you get **135, 87, 153**, and if you desaturate by 10%, it is **143, 117, 153**.

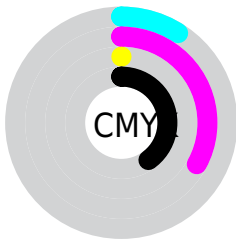
Distribution



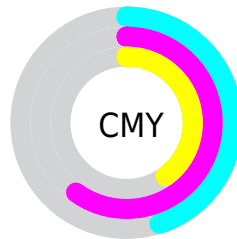
- Red (55%)
- Green (40%)
- Blue (60%)



- Red (55%)
- Yellow (40%)
- Blue (60%)



- Cyan (9%)
- Magenta (33%)
- Yellow (0%)
- Black (40%)



- Cyan (45%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the RGB color 139, 102, 153 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, 102, 153 by changing the saturation by 10% instead.

 139, 102, 153


255, 255, 255

 193, 153, 207

 221, 180, 236

 250, 208, 255


 255, 236, 255


 139, 102, 153

 113, 78, 127

 88, 54, 102

 64, 32, 78

 41, 10, 55

 21, 0, 33

 0, 0, 6

 0, 0, 0

 139, 102, 153

 135, 87, 153

 139, 102, 153

 143, 117, 153

■ 131, 71, 153

■ 147, 133, 153

■ 126, 56, 153

■ 152, 148, 153

■ 122, 41, 153

■ 156, 163, 153

■ 118, 26, 153

■ 160, 179, 153

■ 114, 10, 153

■ 164, 194, 153

■ 111, 0, 153

■ 168, 209, 153

■ 173, 224, 153

■ 177, 240, 153

Harmonies

Analogous

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



101, 112, 168



139, 102, 153



162, 94, 128

Triad

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



139, 102, 153



143, 110, 61



0, 130, 132

Complementary

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



139, 102, 153



116, 153, 102

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.



44, 129, 103



139, 102, 153



116, 119, 61

Square

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



139, 102, 153



161, 100, 75



85, 126, 77



0, 128, 156

Rectangle

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



139, 102, 153



168, 93, 109



85, 126, 77



0, 130, 122

Sweetspot

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



139, 102, 153



193, 179, 199



102, 116, 153



96, 88, 99



227, 227, 227



99, 99, 99

Same Dimension

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



139, 102, 153



177, 119, 199



153, 102, 142



74, 69, 77



102, 0, 140



9, 0, 13

Inverse Universe

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



153, 102, 116



199, 119, 141



102, 153, 113



77, 69, 71



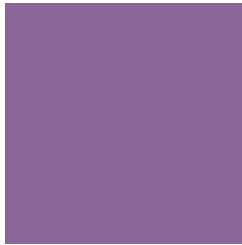
140, 0, 38



13, 0, 3

Previews

White Background



This preview shows how the RGB color 139, 102, 153 looks on a white background.

Color Contrast Check

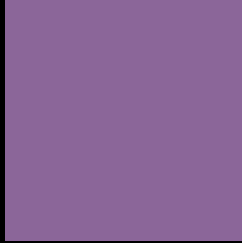
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 139, 102, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

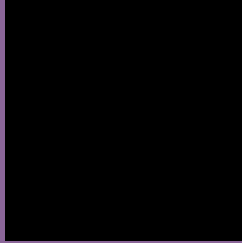
Any Text WCAG AA × Fail

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](#).

RGB 139, 102, 153 Background



This preview shows how black text looks on a background with the RGB color 139, 102, 153.



This preview shows how white text looks on a background with the RGB color 139, 102, 153.

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, 102, 153

Protanopia

101, 114, 162

Deuteranopia

108, 114, 151



Tritanopia
134, 109, 118

Trichromacy



Original Color
139, 102, 153

Protanomaly
115, 110, 159

Deuteranomaly
119, 110, 152

Tritanomaly
136, 106, 131

Monochromacy



Original Color
139, 102, 153

Achromatopsia
119, 119, 119

Achromatomaly
126, 113, 131

CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 102, 153 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, 102, 153)` looks like.

```
.text, #text, p{  
    color:rgb(139, 102, 153)  
}
```

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, 102, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 102, 153) }
```

Border

The CSS property to change the border of an element to RGB 139, 102, 153 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, 102, 153) }
```

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

```
.border{ border-color:rgb(139, 102, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 102, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 102, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 102, 153);  
box-shadow:4px 4px 4px 4px rgb(139, 102,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 139, 102, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 102, 153) }
```

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

```
.background{ background-color: rgb(139,  
102, 153) }
```

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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