Converting Colors

RGB(139, 106, 183)

Have a look what the booklet for RGB(139, 106, 183) contains.

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Color

RGB(139, 106, 183)

Conversions

Conversions Part 1

Format	Color
Hex	8B6AB7
RGB	139, 106, 183
RGB Percent	55%, 42%, 72%
CMY	0.4549, 0.5843, 0.2824
CMYK	0.24, 0.42, 0.00, 0.28
HSL	266°, 35%, 57%
HSV	266°, 42%, 72%
XYZ	24.3487, 19.2159, 47.2255
YIQ	124.6450, -5.0490, 30.9430

Conversions

Conversions Part 2

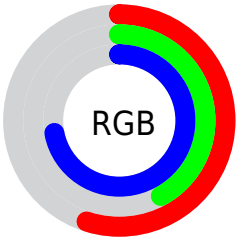
Format	Color
RYB	139, 106, 183
Decimal	9136823
CIELab	50.94, 29.02, -35.98
CIELCh	51, 46.227, 308.891
Yxy	19.2159, 0.2682, 0.2117
Android (android.graphics.Color)	4287326903 (0xFF8B6AB7)
YUV	124.6450, 28.7690, 12.5893
Hunter-Lab	43.8360, 22.4350, -33.1892

Details

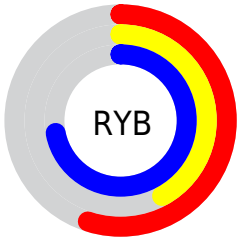
The RGB color 139, 106, 183 is a dark color, and the websafe version is hex 9966CC. A complement of this color would be 150, 183, 106, and the grayscale version is 124, 124, 124.

A 20% lighter version of the original color is 194, 158, 239, and 87, 58, 130 is the 20% darker color. If you saturate the color by 10%, you get 129, 88, 183, and if you desaturate by 10%, it is 149, 124, 183.

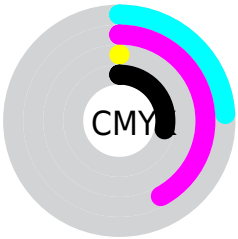
Distribution



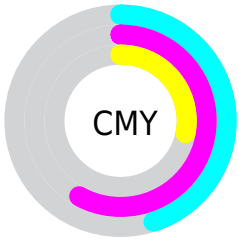
- Red (55%)
- Green (42%)
- Blue (72%)



- Red (55%)
- Yellow (42%)
- Blue (72%)



- Cyan (24%)
- Magenta (42%)
- Yellow (0%)
- Black (28%)



- Cyan (45%)
- Magenta (58%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 139, 106, 183 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, 106, 183 by changing the saturation by 10% instead.

139, 106, 183	139, 106, 183
255, 255, 255	113, 81, 156
194, 158, 239	87, 58, 130
222, 185, 255	62, 35, 104
251, 213, 255	37, 13, 80
255, 241, 255	17, 0, 56
	0, 2, 34
	0, 0, 8
	0, 0, 0

139, 106, 183	139, 106, 183

129, 88, 183

118, 69, 183

108, 51, 183

97, 33, 183

87, 14, 183

78, 0, 183

149, 124, 183

160, 143, 183

170, 161, 183

181, 179, 183

191, 198, 183

202, 216, 183

212, 234, 183

223, 252, 183

233, 255, 183

Harmonies

Analogous

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

68, 122, 199

139, 106, 183

178, 91, 151

Triad

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

139, 106, 183

166, 109, 46

0, 141, 132

Complementary

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

139, 106, 183

150, 183, 106

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.

11, 139, 91

139, 106, 183

132, 123, 38

Square

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

139, 106, 183

188, 94, 74

90, 133, 57

0, 139, 170

Rectangle

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

139, 106, 183

191, 86, 124

90, 133, 57

0, 140, 119

Sweetspot

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

139, 106, 183

220, 206, 237

106, 151, 183

109, 101, 120

247, 247, 247

120, 120, 120

Same Dimension

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

139, 106, 183

169, 119, 237

177, 106, 183

87, 83, 92

67, 0, 156

12, 0, 28

Inverse Universe

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

183, 106, 150

237, 119, 186

112, 183, 106

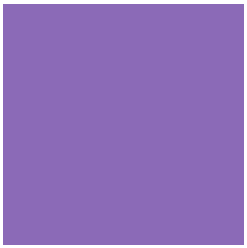
92, 83, 88

156, 0, 89

28, 0, 16

Previews

White Background

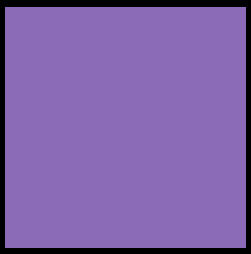


This preview shows how the RGB color 139, 106, 183 looks on a white background.

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



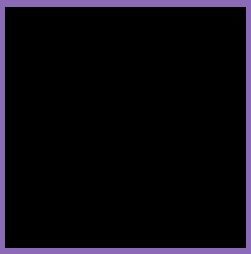
This preview shows how the RGB color 139, 106, 183 looks on a black background.

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, 106, 183 Background



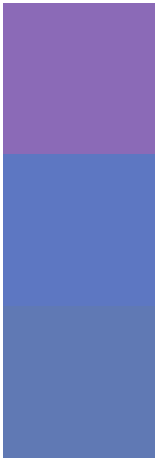
This preview shows how black text looks on a background with the RGB color 139, 106, 183.

This preview shows how white text looks on a background with the RGB color 139, 106, 183.

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



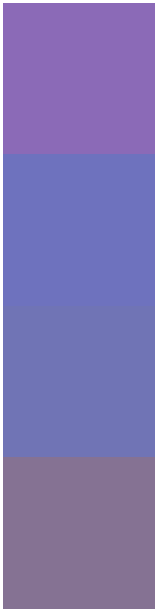
Original Color
139, 106, 183

Protanopia
93, 119, 194

Deuteranopia
96, 121, 180

Tritanopia
129, 118, 127

Trichromacy



Original Color
139, 106, 183

Protanomaly
110, 114, 190

Deuteranomaly
112, 116, 181

Tritanomaly
133, 114, 147

Monochromacy

Original Color
139, 106, 183

Achromatopsia
125, 125, 125

Achromatomaly
130, 118, 146

CSS Examples

Text

The CSS property to change the color of the text to RGB 139, 106, 183 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, 106, 183) looks like.

```
.text, #text, p{
    color:rgb(139, 106, 183)
}
```

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, 106, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 106, 183) }
```

Border

The CSS property to change the border of an element to RGB 139, 106, 183 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, 106, 183) }
```

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

```
.border{ border-color:rgb(139, 106, 183) }
```

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

Here you see how a box with a 4 pixel rgb(139, 106, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 106, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 106, 183); box-shadow:4px 4px 4px 4px rgb(139, 106, 183) }
```

Background

The CSS property to change the background color of an element to RGB 139, 106, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(139, 106, 183) }
```

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

```
.background{ background-color:rgb(139,
106, 183) }
```

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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