Converting Colors

RGB(167, 83, 157)

Have a look what the booklet for RGB(167, 83, 157) contains.

Color

RGB(167, 83, 157)

Conversions

Conversions Part 1

Format	Color
Hex	A7539D
RGB	167, 83, 157
RGB Percent	65%, 33%, 62%
CMY	0.3451, 0.6745, 0.3843
CMYK	0.00, 0.50, 0.06, 0.35
HSL	307°, 34%, 49%
HSV	307°, 50%, 65%
XYZ	25.1154, 16.8363, 33.8243
YIQ	116.5520, 26.3100, 40.8220

Conversions

Conversions Part 2

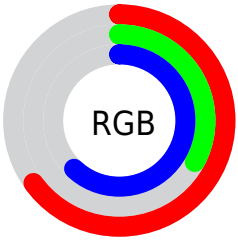
Format	Color
RYB	167, 83, 157
Decimal	10965917
CIELab	48.05, 44.76, -25.02
CIELCh	48, 51.276, 330.800
Yxy	16.8363, 0.3314, 0.2222
Android (android.graphics.Color)	4289155997 (0xFFA7539D)
YUV	116.5520, 19.9409, 44.2429
Hunter-Lab	41.0321, 37.4522, -20.1525

Details

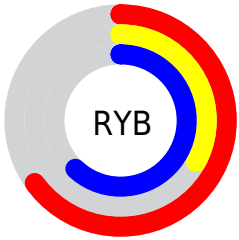
The RGB color 167, 83, 157 is a dark color, and the websafe version is hex 993399. A complement of this color would be 83, 167, 93, and the grayscale version is 116, 116, 116.

A 20% lighter version of the original color is 224, 136, 212, and 113, 31, 105 is the 20% darker color. If you saturate the color by 10%, you get 167, 66, 155, and if you desaturate by 10%, it is 167, 100, 159.

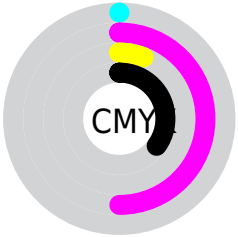
Distribution



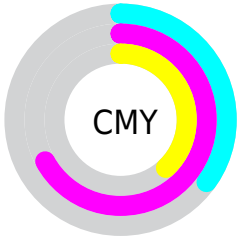
- Red (65%)
- Green (33%)
- Blue (62%)



- Red (65%)
- Yellow (33%)
- Blue (62%)



- Cyan (0%)
- Magenta (50%)
- Yellow (6%)
- Black (35%)



- Cyan (35%)
- Magenta (67%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 167, 83, 157 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 167, 83, 157 by changing the saturation by 10% instead.

167, 83, 157	167, 83, 157
255, 255, 255	140, 57, 131
224, 136, 212	113, 31, 105
253, 163, 240	87, 0, 81
255, 190, 255	61, 0, 58
255, 219, 255	39, 0, 36
255, 248, 255	0, 0, 11
	0, 0, 0

167, 83, 157	167, 83, 157
167, 66, 155	167, 100, 159

167, 50, 153

167, 33, 151

167, 16, 149

167, 0, 147

167, 116, 161

167, 133, 163

167, 150, 165

167, 166, 167

167, 183, 169

167, 200, 171

167, 217, 173

167, 233, 175

Harmonies

Analogous

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

115, 102, 189

167, 83, 157

190, 72, 115

Triad

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

167, 83, 157

135, 112, 14

0, 134, 157

Complementary

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

167, 83, 157

83, 167, 93

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, 134, 114

167, 83, 157

91, 124, 32

Square

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

167, 83, 157

169, 96, 36

13, 131, 70

0, 129, 189

Rectangle

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

167, 83, 157

192, 75, 86

13, 131, 70

0, 135, 144

Sweetspot

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

167, 83, 157

217, 184, 213

93, 83, 167

110, 90, 107

237, 237, 237

110, 110, 110

Same Dimension

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

167, 83, 157

217, 87, 201

167, 83, 115

84, 76, 83

148, 0, 130

20, 0, 18

Inverse Universe

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

167, 83, 157

217, 87, 201

83, 167, 135

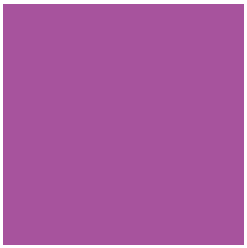
84, 76, 83

148, 0, 130

20, 0, 18

Previews

White Background

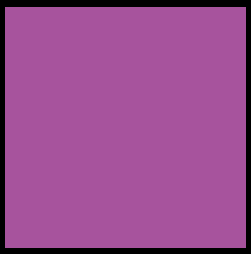


This preview shows how the RGB color 167, 83, 157 looks on a white background.

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



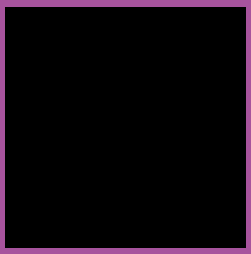
This preview shows how the RGB color 167, 83, 157 looks on a black background.

Color Contrast Check

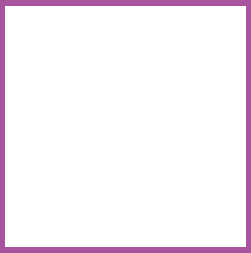
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 167, 83, 157 Background



This preview shows how black text looks on a background with the RGB color 167, 83, 157.



This preview shows how white text looks on a background with the RGB color 167, 83, 157.

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

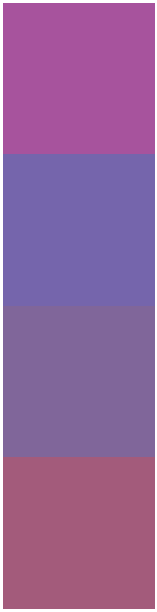
Original Color
167, 83, 157

Protanopia
89, 112, 181

Deuteranopia
105, 113, 152

Tritanopia
161, 96, 103

Trichromacy



Original Color
167, 83, 157

Protanomaly
117, 101, 172

Deuteranomaly
128, 102, 154

Tritanomaly
163, 91, 123

Monochromacy

Original Color
167, 83, 157

Achromatopsia
117, 117, 117

Achromatomaly
135, 105, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 167, 83, 157 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(167, 83, 157) looks like.

```
.text, #text, p{
    color:rgb(167, 83, 157)
}
```

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(167, 83, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 83, 157) }
```

Border

The CSS property to change the border of an element to RGB 167, 83, 157 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(167, 83, 157) }
```

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

```
.border{ border-color:rgb(167, 83, 157) }
```

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

Here you see how a box with a 4 pixel rgb(167, 83, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 83, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 83, 157); box-shadow:4px 4px 4px 4px rgb(167, 83, 157) }
```

Background

The CSS property to change the background color of an element to RGB 167, 83, 157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(167, 83, 157) }
```

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

```
.background{ background-color:rgb(167, 83,
157) }
```

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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