Converting Colors

RGB(161, 102, 153)

Have a look what the booklet for RGB(161, 102, 153) contains.

Color

RGB(161, 102, 153)

Conversions

Conversions Part 1

Format	Color
Hex	A16699
RGB	161, 102, 153
RGB Percent	63%, 40%, 60%
CMY	0.3686, 0.6000, 0.4000
CMYK	0.00, 0.37, 0.05, 0.37
HSL	308°, 24%, 52%
HSV	308°, 37%, 63%
XYZ	25.1991, 19.3797, 32.5495
YIQ	125.4550, 18.7930, 28.3690

Conversions

Conversions Part 2

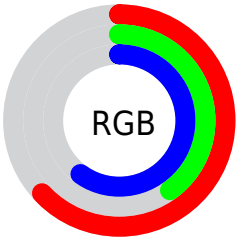
Format	Color
RYB	161, 102, 153
Decimal	10577561
CIELab	51.13, 31.86, -17.99
CIELCh	51, 36.588, 330.549
Yxy	19.3797, 0.3267, 0.2513
Android (android.graphics.Color)	4288767641 (0xFFA16699)
YUV	125.4550, 13.5797, 31.1730
Hunter-Lab	44.0224, 25.1369, -13.0225

Details

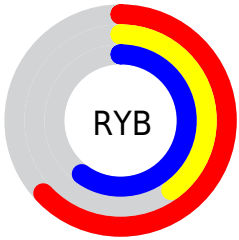
The RGB color 161, 102, 153 is a dark color, and the websafe version is hex 996699. A complement of this color would be 102, 161, 110, and the grayscale version is 125, 125, 125.

A 20% lighter version of the original color is 217, 154, 207, and 108, 53, 102 is the 20% darker color. If you saturate the color by 10%, you get 161, 86, 151, and if you desaturate by 10%, it is 161, 118, 155.

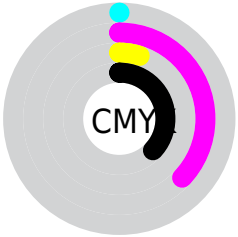
Distribution



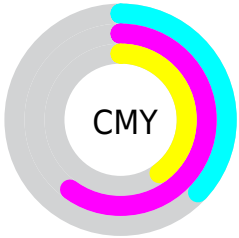
- Red (63%)
- Green (40%)
- Blue (60%)



- Red (63%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (37%)
- Yellow (5%)
- Black (37%)



- Cyan (37%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 161, 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 161, 102, 153 by changing the saturation by 10% instead.

161, 102, 153	161, 102, 153
255, 255, 255	134, 77, 127
217, 154, 207	108, 53, 102
246, 181, 236	83, 29, 78
255, 209, 255	59, 4, 55
255, 238, 255	39, 0, 34
	0, 0, 7
	0, 0, 0

161, 102, 153	161, 102, 153
161, 86, 151	161, 118, 155

161, 70, 149

161, 54, 146

161, 38, 144

161, 22, 142

161, 5, 140

161, 0, 139

161, 134, 157

161, 150, 160

161, 166, 162

161, 183, 164

161, 199, 166

161, 215, 168

161, 231, 170

161, 247, 173

Harmonies

Analogous

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

125, 113, 176

161, 102, 153

179, 96, 122

Triad

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

161, 102, 153

140, 120, 58

0, 137, 153

Complementary

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

161, 102, 153

102, 161, 110

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, 138, 121

161, 102, 153

108, 129, 66

Square

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

161, 102, 153

165, 109, 68

69, 135, 90

0, 133, 176

Rectangle

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

161, 102, 153

181, 97, 102

69, 135, 90

0, 138, 143

Sweetspot

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

161, 102, 153

209, 186, 206

110, 102, 161

105, 91, 103

232, 232, 232

105, 105, 105

Same Dimension

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

161, 102, 153

209, 117, 197

161, 102, 124

82, 73, 80

145, 0, 126

18, 0, 15

Inverse Universe

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

161, 102, 153

209, 117, 197

102, 161, 139

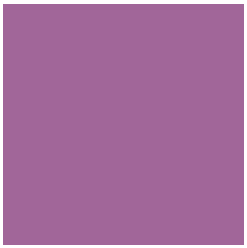
82, 73, 80

145, 0, 126

18, 0, 15

Previews

White Background

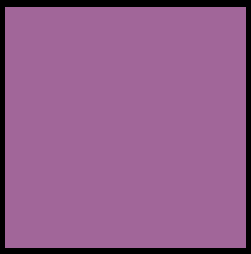


This preview shows how the RGB color 161, 102, 153 looks on a white background.

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



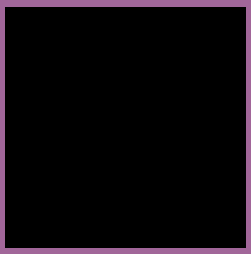
This preview shows how the RGB color 161, 102, 153 looks on a black background.

Color Contrast Check

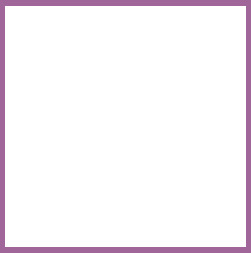
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RGB 161, 102, 153 Background



This preview shows how black text looks on a background with the RGB color 161, 102, 153.

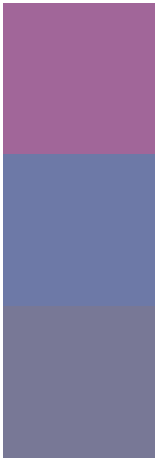


This preview shows how white text looks on a background with the RGB color 161, 102, 153.

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



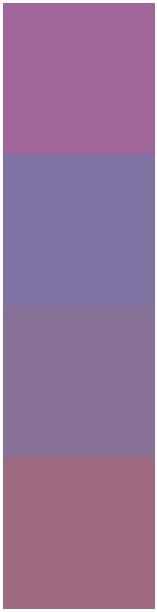
Original Color
161, 102, 153

Protanopia
109, 121, 167

Deuteranopia
120, 120, 150

Tritanopia
157, 109, 117

Trichromacy



Original Color
161, 102, 153

Protanomaly
128, 114, 162

Deuteranomaly
135, 113, 151

Tritanomaly
158, 106, 130

Monochromacy

Original Color
161, 102, 153

Achromatopsia
125, 125, 125

Achromatomaly
138, 117, 135

CSS Examples

Text

The CSS property to change the color of the text to RGB 161, 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(161, 102, 153) looks like.

```
.text, #text, p{
    color:rgb(161, 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(161, 102, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 102, 153) }
```

Border

The CSS property to change the border of an element to RGB 161, 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(161, 102, 153) }
```

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

```
.border{ border-color:rgb(161, 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(161, 102, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 102, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 102, 153); box-shadow:4px 4px 4px 4px rgb(161, 102, 153) }
```

Background

The CSS property to change the background color of an element to RGB 161, 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(161, 102, 153) }
```

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

```
.background{ background-color:rgb(161,
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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