

Converting Colors

RGB(161, 102, 158)

Have a look what the booklet for
RGB(161, 102, 158) contains.

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Color

RGB(161, 102, 158)

Conversions

Conversions Part 1

Format	Color
Hex	A1669E
RGB	161, 102, 158
RGB Percent	63%, 40%, 62%
CMY	0.3686, 0.6000, 0.3804
CMYK	0.00, 0.37, 0.02, 0.37
HSL	303°, 24%, 52%
HSV	303°, 37%, 63%
XYZ	25.6209, 19.5484, 34.7706
YIQ	126.0250, 17.1880, 29.9240

Conversions

Conversions Part 2

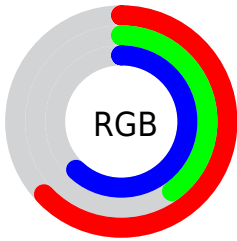
Format	Color
R_{YB}	161, 102, 158
Decimal	10577566
CIE _{Lab}	51.32, 32.81, -20.63
CIE _{LCh}	51, 38.753, 327.836
Yxy	19.5484, 0.3205, 0.2445
Android (android.graphics.Color)	4288767646 (0xFFA1669E)
YUV	126.0250, 15.7637, 30.6731
Hunter-Lab	44.2136, 26.0632, -15.6775

Details

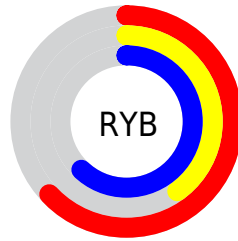
The RGB color **161, 102, 158** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **102, 161, 105**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **217, 154, 213**, and **108, 53, 106** is the 20% darker color. If you saturate the color by 10%, you get **161, 86, 157**, and if you desaturate by 10%, it is **161, 118, 159**.

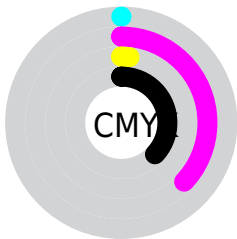
Distribution



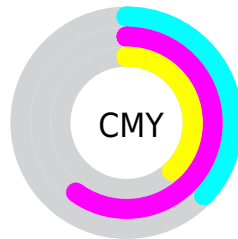
- Red (63%)
- Green (40%)
- Blue (62%)



- Red (63%)
- Yellow (40%)
- Blue (62%)



- Cyan (0%)
- Magenta (37%)
- Yellow (2%)
- Black (37%)




- Cyan (37%)
- Magenta (60%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 161, 102, 158 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, 158 by changing the saturation by 10% instead.

 161, 102, 158


255, 255, 255

 217, 154, 213

 246, 181, 241

 255, 209, 255

 255, 238, 255

 161, 102, 158

 134, 77, 132

 108, 53, 106

 83, 29, 82


 58, 4, 59


 38, 0, 37


 0, 1, 13

 0, 0, 0

 161, 102, 158

 161, 86, 157

 161, 102, 158

 161, 118, 159

161, 70, 156

161, 134, 160

161, 54, 156

161, 150, 160

161, 38, 155

161, 166, 161

161, 22, 154

161, 183, 162

161, 5, 153

161, 199, 163

161, 0, 153

161, 215, 164

161, 231, 165

161, 247, 165

Harmonies

Analogous

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



121, 115, 181



161, 102, 158



182, 95, 126

Triad

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



161, 102, 158



144, 120, 54



0, 139, 152

Complementary

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



161, 102, 158



102, 161, 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.



0, 139, 119



161, 102, 158



111, 130, 61

Square

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



161, 102, 158



170, 108, 67



70, 136, 86



0, 135, 178

Rectangle

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



161, 102, 158



185, 95, 104



70, 136, 86



0, 139, 141

Sweetspot

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



161, 102, 158



209, 186, 208



105, 102, 161



105, 91, 104



232, 232, 232



105, 105, 105

Same Dimension

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



161, 102, 158



209, 117, 204



161, 102, 129



82, 73, 81



145, 0, 138



18, 0, 17

Inverse Universe

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



161, 102, 158



209, 117, 204



102, 161, 134



82, 73, 81



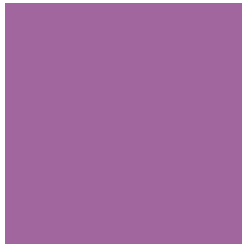
145, 0, 138



18, 0, 17

Previews

White Background



This preview shows how the RGB color 161, 102, 158 looks on a white background.

Color Contrast Check

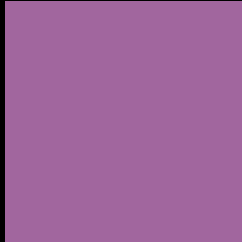
Large Text (above 18pt) WCAG AA ✓ Pass

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, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

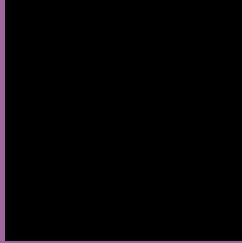
Any Text WCAG AA ✓ Pass

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, 158 Background



This preview shows how black text looks on a background with the RGB color 161, 102, 158.

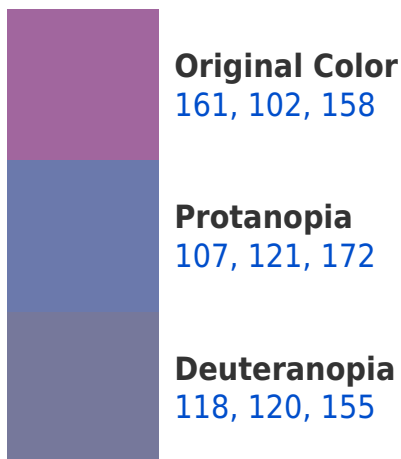


This preview shows how white text looks on a background with the RGB color 161, 102, 158.

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
156, 110, 118

Trichromacy



Original Color
161, 102, 158

Protanomaly
127, 114, 167

Deuteranomaly
134, 113, 156

Tritanomaly
158, 107, 133

Monochromacy



Original Color
161, 102, 158

Achromatopsia
126, 126, 126

Achromatomaly
139, 117, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 161, 102, 158 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(161, 102, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 102, 158) }
```

Border

The CSS property to change the border of an element to RGB 161, 102, 158 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, 158) }
```

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

```
.border{ border-color:rgb(161, 102, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 102, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 102, 158);  
box-shadow:4px 4px 4px 4px rgb(161, 102,  
158) }
```

Background

The CSS property to change the background color of an element to RGB 161, 102, 158 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, 158) }
```

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

```
.background{ background-color: rgb(161,  
102, 158) }
```

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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