

# Converting Colors

RGB(162, 122, 170)

Have a look what the booklet for  
RGB(162, 122, 170) contains.

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# **Color**

**RGB(162, 122, 170)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A27AAA
RGB	162, 122, 170
RGB Percent	64%, 48%, 67%
CMY	0.3647, 0.5216, 0.3333
CMYK	0.05, 0.28, 0.00, 0.33
HSL	290°, 22%, 57%
HSV	290°, 28%, 67%
XYZ	29.1155, 24.5027, 41.2252
YIQ	139.4320, 8.4320, 23.4080

# Conversions

## Conversions Part 2

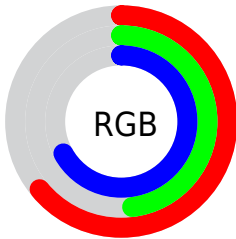
Format	Color
R <sub>YB</sub>	162, 122, 170
Decimal	10648234
CIE <sub>Lab</sub>	56.59, 24.18, -19.54
CIE <sub>LCh</sub>	57, 31.083, 321.058
Yxy	24.5027, 0.3070, 0.2583
Android (android.graphics.Color)	4288838314 (0xFFA27AAA)
YUV	139.4320, 15.0700, 19.7921
Hunter-Lab	49.5002, 18.3664, -14.7282

# Details

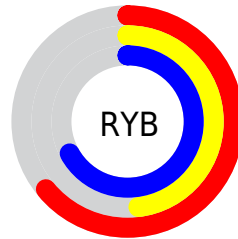
The RGB color **162, 122, 170** is a light color, and the websafe version is hex **996699**. A complement of this color would be **130, 170, 122**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **217, 175, 225**, and **110, 73, 118** is the 20% darker color. If you saturate the color by 10%, you get **159, 105, 170**, and if you desaturate by 10%, it is **165, 139, 170**.

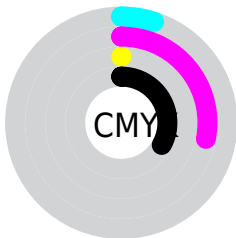
# Distribution



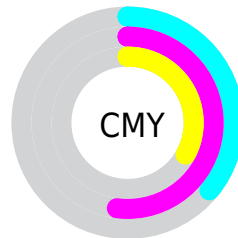
- Red (64%)
- Green (48%)
- Blue (67%)



- Red (64%)
- Yellow (48%)
- Blue (67%)



- Cyan (5%)
- Magenta (28%)
- Yellow (0%)
- Black (33%)




- Cyan (36%)
- Magenta (52%)
- Yellow (33%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 162, 122, 170 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 162, 122, 170 by changing the saturation by 10% instead.




 162, 122, 170

255, 255, 255


 217, 175, 225

 246, 202, 254


 255, 231, 255

 162, 122, 170

 135, 97, 143

 110, 73, 118

 85, 50, 93

 61, 27, 69

 38, 5, 47


 9, 0, 26

 0, 0, 0

 162, 122, 170

 159, 105, 170

 162, 122, 170

 165, 139, 170

156, 88, 170

168, 156, 170

154, 71, 170

170, 173, 170

151, 54, 170

173, 190, 170

148, 37, 170

176, 207, 170

145, 20, 170

179, 224, 170

142, 3, 170

182, 241, 170

142, 0, 170

185, 255, 170

187, 255, 170

# Harmonies

## Analogous

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



127, 132, 186



162, 122, 170



183, 116, 145

# Triad

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



162, 122, 170



161, 131, 82



33, 150, 154

# Complementary

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



162, 122, 170



130, 170, 122

# 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.



69, 150, 126



162, 122, 170



134, 140, 84

# Square

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



162, 122, 170



180, 122, 95



103, 146, 101



38, 147, 177

# Rectangle

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



162, 122, 170



189, 115, 127



103, 146, 101



44, 150, 145



# Sweetspot

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



162, 122, 170



219, 204, 222



122, 130, 170



110, 101, 112



240, 240, 240



112, 112, 112



# Same Dimension

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



162, 122, 170



209, 146, 222



170, 122, 154



83, 76, 84



123, 0, 148



17, 0, 20



# Inverse Universe

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



170, 122, 130



222, 146, 159



122, 170, 138



84, 76, 77



148, 0, 25

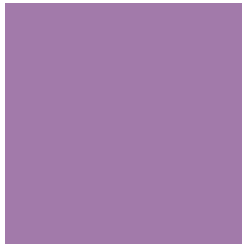


20, 0, 3



# Previews

## White Background



This preview shows how the RGB color 162, 122, 170 looks on a white background.

## Color Contrast Check

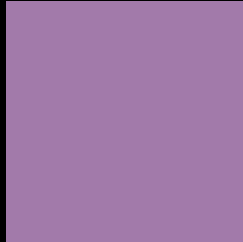
Large Text (above 18pt) WCAG AA ✓ Pass

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 162, 122, 170 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

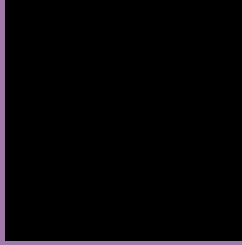
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 162, 122, 170 Background



This preview shows how black text looks on a background with the RGB color 162, 122, 170.



This preview shows how white text looks on a background with the RGB color 162, 122, 170.

# 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**  
162, 122, 170

**Protanopia**  
124, 134, 179

**Deuteranopia**  
133, 133, 168



**Tritanopia**  
157, 128, 138

# Trichromacy



**Original Color**  
162, 122, 170

**Protanomaly**  
138, 130, 176

**Deuteranomaly**  
144, 129, 169

**Tritanomaly**  
159, 126, 150

# Monochromacy



**Original Color**  
162, 122, 170

**Achromatopsia**  
139, 139, 139

**Achromatomaly**  
147, 133, 150

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 162, 122, 170 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(162, 122, 170)` looks like.

```
.text, #text, p{  
    color:rgb(162, 122, 170)  
}
```

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(162, 122, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 122, 170) }
```

## Border

The CSS property to change the border of an element to RGB 162, 122, 170 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(162, 122, 170) }
```

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

```
.border{ border-color:rgb(162, 122, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 122, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 122, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 122, 170);  
box-shadow:4px 4px 4px 4px rgb(162, 122,  
170) }
```

# Background

The CSS property to change the background color of an element to RGB 162, 122, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 122, 170) }
```

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

```
.background{ background-color: rgb(162,  
122, 170) }
```

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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