

Converting Colors

RGB(161, 90, 216)

Have a look what the booklet for
RGB(161, 90, 216) contains.

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Color

RGB(161, 90, 216)

Conversions

Conversions Part 1

Format	Color
Hex	A15AD8
RGB	161, 90, 216
RGB Percent	63%, 35%, 85%
CMY	0.3686, 0.6471, 0.1529
CMYK	0.25, 0.58, 0.00, 0.15
HSL	274°, 62%, 60%
HSV	274°, 58%, 85%
XYZ	30.7488, 19.8473, 67.1760
YIQ	125.5930, 1.8700, 54.2380

Conversions

Conversions Part 2

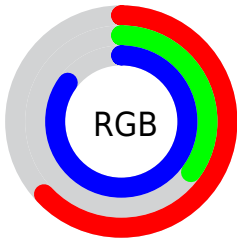
Format	Color
R _Y B	161, 90, 216
Decimal	10574552
CIE Lab	51.66, 51.59, -53.60
CIE LCh	52, 74.390, 313.904
Yxy	19.8473, 0.2611, 0.1685
Android (android.graphics.Color)	4288764632 (0xFFA15AD8)
YUV	125.5930, 44.5707, 31.0519
Hunter-Lab	44.5503, 45.2385, -58.2164

Details

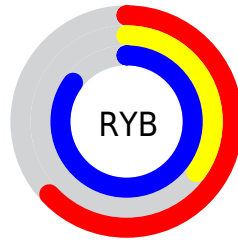
The RGB color **161, 90, 216** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **145, 216, 90**, and the grayscale version is **125, 125, 125**.

A 20% lighter version of the original color is **219, 143, 255**, and **105, 38, 160** is the 20% darker color. If you saturate the color by 10%, you get **152, 68, 216**, and if you desaturate by 10%, it is **170, 112, 216**.

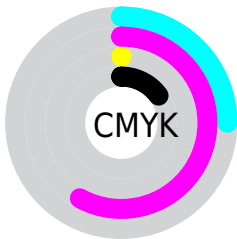
Distribution



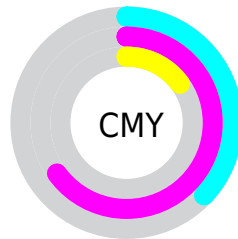
- Red (63%)
- Green (35%)
- Blue (85%)



- Red (63%)
- Yellow (35%)
- Blue (85%)



- Cyan (25%)
- Magenta (58%)
- Yellow (0%)
- Black (15%)



















- Cyan (37%)
- Magenta (65%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 161, 90, 216 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, 90, 216 by changing the saturation by 10% instead.

 161, 90, 216	 161, 90, 216
 255, 255, 255	 133, 64, 188
 219, 143, 255	 105, 38, 160
 248, 170, 255	 78, 5, 134
 255, 198, 255	 50, 0, 108
 255, 227, 255	 22, 0, 83
	 0, 0, 59
	 0, 2, 36
	 0, 0, 11
	 0, 0, 0

161, 90, 216

161, 90, 216

152, 68, 216

170, 112, 216

142, 47, 216

180, 133, 216

133, 25, 216

189, 155, 216

123, 4, 216

199, 176, 216

122, 0, 216

208, 198, 216

218, 220, 216

227, 241, 216

236, 255, 216

246, 255, 216

Harmonies

Analogous

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



0, 121, 248



161, 90, 216



218, 52, 160

Triad

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



161, 90, 216



177, 107, 0



0, 151, 152

Complementary

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



161, 90, 216



145, 216, 90

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, 149, 85



161, 90, 216



122, 130, 0

Square

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



161, 90, 216



217, 75, 35



37, 142, 5



0, 149, 211

Rectangle

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



161, 90, 216



232, 38, 118



37, 142, 5



0, 150, 130

Sweetspot

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



161, 90, 216



235, 209, 255



90, 147, 216



115, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



161, 90, 216



177, 77, 255



216, 90, 210



102, 96, 107



96, 0, 171



24, 0, 43

Inverse Universe

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



216, 90, 145



255, 77, 154



90, 216, 96



107, 96, 101



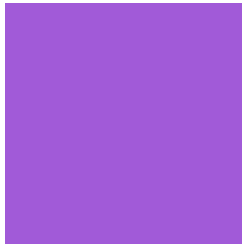
171, 0, 75



43, 0, 19

Previews

White Background



This preview shows how the RGB color 161, 90, 216 looks on a white background.

Color Contrast Check

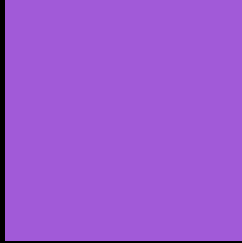
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

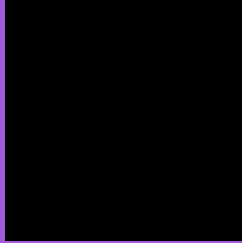
Any Text WCAG AA ✓ Pass

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, 90, 216 Background



This preview shows how black text looks on a background with the RGB color 161, 90, 216.

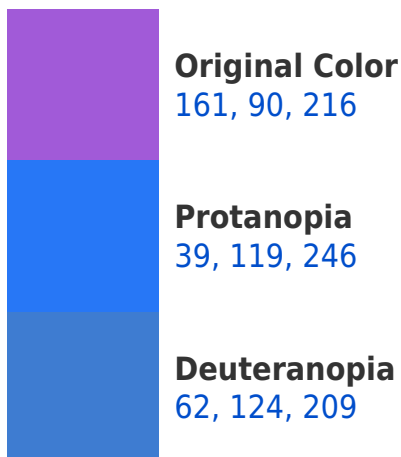



This preview shows how white text looks on a background with the RGB color 161, 90, 216.

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
145, 115, 124

Trichromacy



Original Color

161, 90, 216



Protanomaly

83, 108, 235



Deuteranomaly

98, 112, 212



Tritanomaly

151, 106, 157

Monochromacy



Original Color

161, 90, 216



Achromatopsia

126, 126, 126



Achromatomaly

139, 113, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 161, 90, 216 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, 90, 216)` looks like.

```
.text, #text, p{  
    color:rgb(161, 90, 216)  
}
```

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, 90, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 90, 216) }
```

Border

The CSS property to change the border of an element to RGB 161, 90, 216 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, 90, 216) }
```

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

```
.border{ border-color:rgb(161, 90, 216) }
```

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

Here you see how a box with a 4 pixel rgb(161, 90, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 90, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 90, 216);  
box-shadow:4px 4px 4px 4px rgb(161, 90,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 161, 90, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 90, 216) }
```

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

```
.background{ background-color: rgb(161, 90,  
216) }
```

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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