

Converting Colors

RGB(169, 120, 229)

Have a look what the booklet for
RGB(169, 120, 229) contains.

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Color

RGB(169, 120, 229)

Conversions

Conversions Part 1

Format	Color
Hex	A978E5
RGB	169, 120, 229
RGB Percent	66%, 47%, 90%
CMY	0.3373, 0.5294, 0.1020
CMYK	0.26, 0.48, 0.00, 0.10
HSL	267°, 68%, 68%
HSV	267°, 48%, 90%
XYZ	37.2215, 27.5251, 77.4798
YIQ	147.0770, -5.7850, 44.2870

Conversions

Conversions Part 2

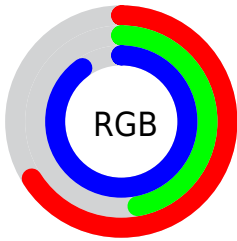
Format	Color
R_{YB}	169, 120, 229
Decimal	11106533
CIE _{Lab}	59.46, 40.56, -48.46
CIE _{LCh}	59, 63.193, 309.933
Yxy	27.5251, 0.2617, 0.1935
Android (android.graphics.Color)	4289296613 (0xFFA978E5)
YUV	147.0770, 40.3880, 19.2265
Hunter-Lab	52.4644, 34.8264, -50.8349

Details

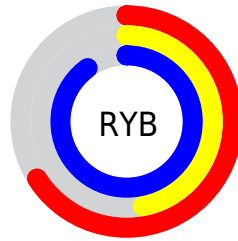
The RGB color **169, 120, 229** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **180, 229, 120**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **226, 173, 255**, and **114, 70, 173** is the 20% darker color. If you saturate the color by 10%, you get **156, 97, 229**, and if you desaturate by 10%, it is **182, 143, 229**.

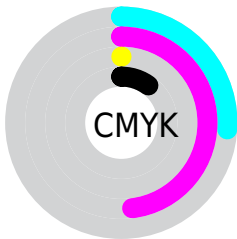
Distribution



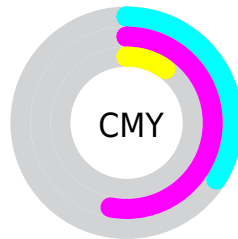
- Red (66%)
- Green (47%)
- Blue (90%)



- Red (66%)
- Yellow (47%)
- Blue (90%)



- Cyan (26%)
- Magenta (48%)
- Yellow (0%)
- Black (10%)



- Cyan (34%)
- Magenta (53%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 169, 120, 229 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 169, 120, 229 by changing the saturation by 10% instead.


 169, 120, 229


255, 255, 255

 226, 173, 255

 255, 201, 255

 255, 229, 255


 169, 120, 229

 141, 94, 201

 114, 70, 173

 87, 46, 146

 60, 21, 120

 31, 0, 94

 5, 0, 70

 0, 4, 47


 0, 1, 25


 0, 0, 0

 169, 120, 229


 169, 120, 229

 156, 97, 229

 182, 143, 229

 144, 74, 229

 194, 166, 229

 131, 51, 229

 207, 189, 229

 119, 28, 229

 219, 212, 229

 106, 6, 229

 232, 235, 229

 103, 0, 229

 245, 255, 229

 255, 255, 229

Harmonies

Analogous

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



48, 143, 253



169, 120, 229



223, 96, 183

Triad

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



169, 120, 229



201, 127, 29



0, 169, 161

Complementary

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



169, 120, 229



180, 229, 120

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, 167, 103



169, 120, 229



154, 146, 6

Square

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



169, 120, 229



233, 103, 74



93, 160, 50



0, 167, 213

Rectangle

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



169, 120, 229



240, 88, 146



93, 160, 50



0, 169, 141

Sweetspot

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



169, 120, 229



235, 219, 255



120, 182, 229



116, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



169, 120, 229



175, 110, 255



222, 120, 229



108, 103, 115



80, 0, 179



23, 0, 51

Inverse Universe

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



229, 120, 180



255, 110, 190



127, 229, 120



115, 103, 110



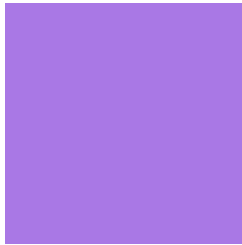
179, 0, 98



51, 0, 28

Previews

White Background



This preview shows how the RGB color 169, 120, 229 looks on a white background.

Color Contrast Check

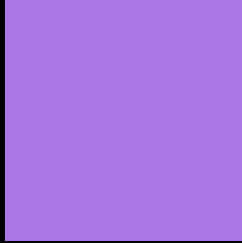
Large Text (above 18pt) WCAG AA ✓ Pass

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 169, 120, 229 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 169, 120, 229 Background



This preview shows how black text looks on a background with the RGB color 169, 120, 229.

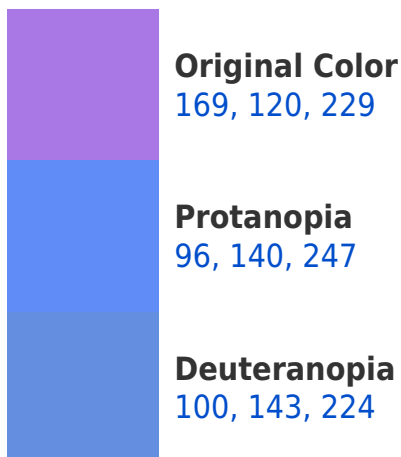



This preview shows how white text looks on a background with the RGB color 169, 120, 229.

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
155, 139, 149

Trichromacy



Original Color

169, 120, 229



Protanomaly

123, 133, 240



Deuteranomaly

125, 135, 226



Tritanomaly

160, 132, 178

Monochromacy



Original Color

169, 120, 229



Achromatopsia

147, 147, 147



Achromatomaly

155, 137, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 120, 229 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(169, 120, 229)` looks like.

```
.text, #text, p{  
    color:rgb(169, 120, 229)  
}
```

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(169, 120, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 120, 229) }
```

Border

The CSS property to change the border of an element to RGB 169, 120, 229 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(169, 120, 229) }
```

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

```
.border{ border-color:rgb(169, 120, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 120, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 120, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 120, 229);  
box-shadow:4px 4px 4px 4px rgb(169, 120,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 169, 120, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 120, 229) }
```

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

```
.background{ background-color: rgb(169,  
120, 229) }
```

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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