

Converting Colors

RGB(169, 75, 226)

Have a look what the booklet for
RGB(169, 75, 226) contains.

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Color

RGB(169, 75, 226)

Conversions

Conversions Part 1

Format	Color
Hex	A94BE2
RGB	169, 75, 226
RGB Percent	66%, 29%, 89%
CMY	0.3373, 0.7059, 0.1137
CMYK	0.25, 0.67, 0.00, 0.11
HSL	277°, 72%, 59%
HSV	277°, 67%, 89%
XYZ	32.6057, 18.9582, 73.8923
YIQ	120.3200, 7.5530, 66.8890

Conversions

Conversions Part 2

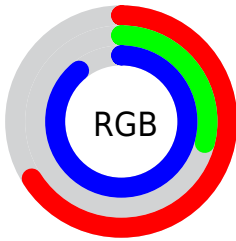
Format	Color
R_{YB}	169, 75, 226
Decimal	11095010
CIE _{Lab}	50.64, 62.78, -60.86
CIE _{LCh}	51, 87.441, 315.890
Yxy	18.9582, 0.2599, 0.1511
Android (android.graphics.Color)	4289285090 (0xFFA94BE2)
YUV	120.3200, 52.1002, 42.6924
Hunter-Lab	43.5410, 57.4734, -70.1409

Details

The RGB color **169, 75, 226** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **132, 226, 75**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **228, 130, 255**, and **112, 8, 170** is the 20% darker color. If you saturate the color by 10%, you get **160, 52, 226**, and if you desaturate by 10%, it is **178, 98, 226**.

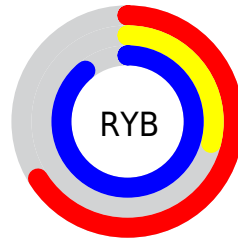
Distribution



Red (66%)

Green (29%)

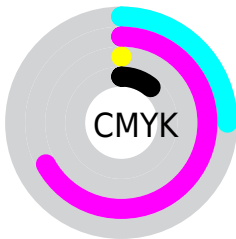
Blue (89%)



Red (66%)

Yellow (29%)

Blue (89%)

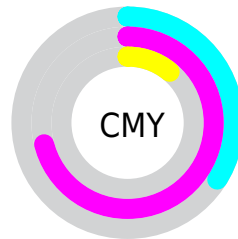


Cyan (25%)

Magenta (67%)

Yellow (0%)

Black (11%)



Cyan (34%)


















Magenta (71%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 169, 75, 226 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, 75, 226 by changing the saturation by 10% instead.

 169, 75, 226	 169, 75, 226
 255, 255, 255	 140, 46, 197
 228, 130, 255	 112, 8, 170
 255, 158, 255	 83, 0, 143
 255, 186, 255	 54, 0, 116
 255, 214, 255	 26, 0, 91
 255, 244, 255	 0, 0, 66
	 0, 3, 43
	 0, 1, 21
	 0, 0, 0

■ 169, 75, 226

■ 169, 75, 226

■ 160, 52, 226

■ 178, 98, 226

■ 152, 30, 226

■ 186, 120, 226

■ 143, 7, 226

■ 195, 143, 226

■ 141, 0, 226

■ 203, 165, 226

■ 212, 188, 226

■ 220, 211, 226

■ 229, 233, 226

■ 237, 255, 226

■ 246, 255, 226

Harmonies

Analogous

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



0, 117, 255



169, 75, 226



232, 0, 159

Triad

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



169, 75, 226



176, 104, 0



0, 151, 160

Complementary

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



169, 75, 226



132, 226, 75

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, 81



169, 75, 226



110, 129, 0

Square

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



169, 75, 226



223, 60, 0



0, 143, 0



0, 149, 228

Rectangle

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



169, 75, 226



246, 0, 110



0, 143, 0



0, 150, 134

Sweetspot

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



169, 75, 226



236, 204, 255



75, 133, 226



116, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



169, 75, 226



178, 51, 255



226, 75, 208



108, 101, 112



110, 0, 176



30, 0, 48

Inverse Universe

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



226, 75, 132



255, 51, 128



75, 226, 93



112, 101, 105



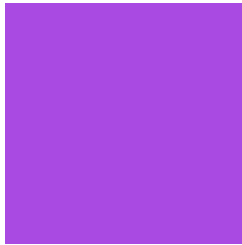
176, 0, 66



48, 0, 18

Previews

White Background



This preview shows how the RGB color 169, 75, 226 looks on a white background.

Color Contrast Check

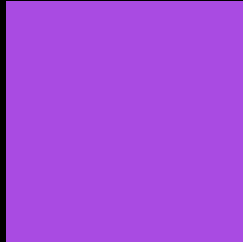
Large Text (above 18pt) WCAG AA ✓ Pass

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, 75, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

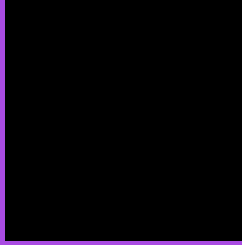
Any Text WCAG AA ✓ Pass

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, 75, 226 Background



This preview shows how black text looks on a background with the RGB color 169, 75, 226.

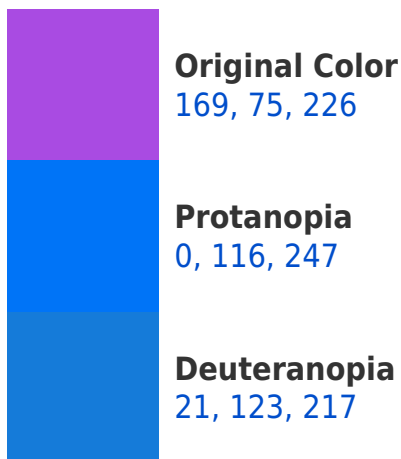



This preview shows how white text looks on a background with the RGB color 169, 75, 226.

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
151, 109, 118

Trichromacy



Original Color

169, 75, 226



Protanomaly

61, 101, 239



Deuteranomaly

75, 106, 220



Tritanomaly

158, 97, 157

Monochromacy



Original Color

169, 75, 226



Achromatopsia

120, 120, 120



Achromatomaly

138, 104, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 75, 226 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, 75, 226)` looks like.

```
.text, #text, p{  
    color:rgb(169, 75, 226)  
}
```

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, 75, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 75, 226) }
```

Border

The CSS property to change the border of an element to RGB 169, 75, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

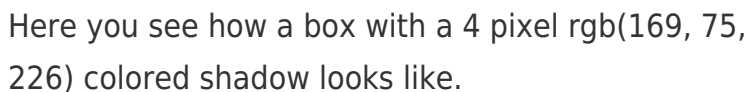
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 75, 226) }
```

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

```
.border{ border-color:rgb(169, 75, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 75, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 75, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 75, 226); box-shadow:4px 4px 4px 4px rgb(169, 75, 226) }
```

Background

The CSS property to change the background color of an element to RGB 169, 75, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 75, 226) }
```

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

```
.background{ background-color: rgb(169, 75,  
226) }
```

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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