

Converting Colors

RGB(169, 55, 201)

Have a look what the booklet for
RGB(169, 55, 201) contains.

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Color

RGB(169, 55, 201)

Conversions

Conversions Part 1

Format	Color
Hex	A937C9
RGB	169, 55, 201
RGB Percent	66%, 22%, 79%
CMY	0.3373, 0.7843, 0.2118
CMYK	0.16, 0.73, 0.00, 0.21
HSL	287°, 57%, 50%
HSV	287°, 73%, 79%
XYZ	28.2710, 15.3844, 56.7378
YIQ	105.7300, 21.0780, 69.5740

Conversions

Conversions Part 2

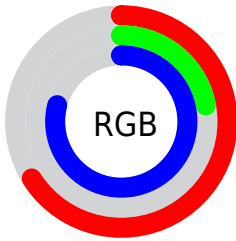
Format	Color
R_{YB}	169, 55, 201
Decimal	11089865
CIE _{Lab}	46.16, 65.85, -53.78
CIE _{LCh}	46, 85.016, 320.763
Yxy	15.3844, 0.2816, 0.1532
Android (android.graphics.Color)	4289279945 (0xFFA937C9)
YUV	105.7300, 46.9681, 55.4878
Hunter-Lab	39.2230, 60.0182, -58.3095

Details

The RGB color **169, 55, 201** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **87, 201, 55**, and the grayscale version is **105, 105, 105**.

A 20% lighter version of the original color is **228, 112, 255**, and **112, 0, 146** is the 20% darker color. If you saturate the color by 10%, you get **165, 35, 201**, and if you desaturate by 10%, it is **173, 75, 201**.

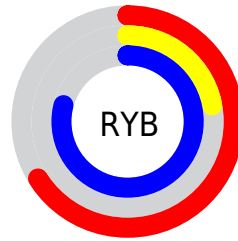
Distribution



Red (66%)

Green (22%)

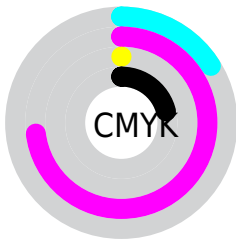
Blue (79%)



Red (66%)

Yellow (22%)

Blue (79%)

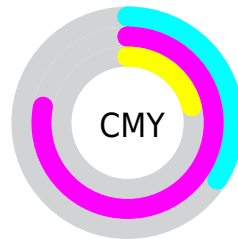


Cyan (16%)

Magenta (73%)

Yellow (0%)

Black (21%)



Cyan (34%)


Magenta (78%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 169, 55, 201 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, 55, 201 by changing the saturation by 10% instead.

 169, 55, 201

 169, 55, 201

255, 255, 255

 140, 19, 173

 228, 112, 255

 112, 0, 146

 255, 140, 255

 84, 0, 120

 255, 169, 255

 56, 0, 94

 255, 197, 255

 29, 0, 70

 255, 226, 255

 0, 0, 46

 0, 1, 24

 0, 0, 0

 169, 55, 201

 169, 55, 201

■ 165, 35, 201

■ 173, 75, 201

■ 160, 15, 201

■ 178, 95, 201

■ 157, 0, 201

■ 182, 115, 201

■ 187, 135, 201

■ 191, 156, 201

■ 195, 176, 201

■ 200, 196, 201

■ 204, 216, 201

■ 209, 236, 201

Harmonies

Analogous

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



0, 101, 245



169, 55, 201



220, 0, 135

Triad

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



169, 55, 201



152, 99, 0



0, 138, 158

Complementary

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



169, 55, 201



87, 201, 55

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, 136, 84



169, 55, 201



87, 121, 0

Square

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



169, 55, 201



200, 59, 0



0, 131, 0



0, 136, 220

Rectangle

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



169, 55, 201



229, 0, 88



0, 131, 0



0, 138, 134

Sweetspot

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



169, 55, 201



243, 199, 255



55, 89, 201



120, 94, 128



0, 0, 0



128, 128, 128

Same Dimension

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



169, 55, 201



206, 33, 255



201, 55, 162



97, 90, 99



127, 0, 163



28, 0, 36

Inverse Universe

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



201, 55, 87



255, 33, 82



55, 201, 94



99, 90, 92



163, 0, 36



36, 0, 8

Previews

White Background



This preview shows how the RGB color 169, 55, 201 looks on a white background.

Color Contrast Check

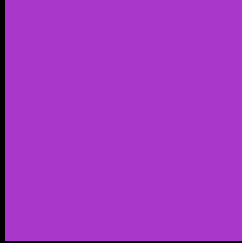
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 169, 55, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

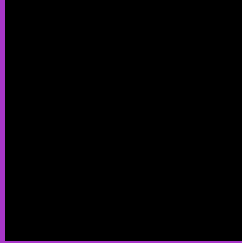
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 169, 55, 201 Background



This preview shows how black text looks on a background with the RGB color 169, 55, 201.

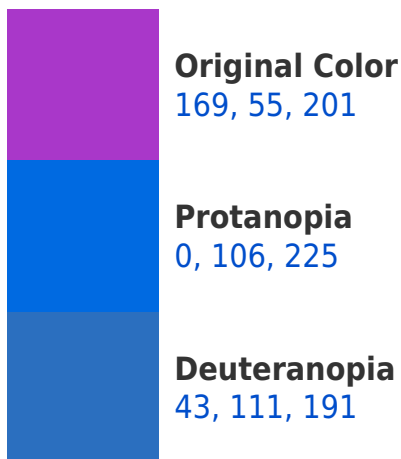


This preview shows how white text looks on a background with the RGB color 169, 55, 201.

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, 91, 98

Trichromacy



Original Color

169, 55, 201



Protanomaly

61, 87, 216



Deuteranomaly

89, 91, 195



Tritanomaly

160, 78, 135

Monochromacy



Original Color

169, 55, 201



Achromatopsia

106, 106, 106



Achromatomaly

129, 87, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 55, 201 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, 55, 201) looks like.

```
.text, #text, p{  
    color:rgb(169, 55, 201)  
}
```

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, 55, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 55, 201) }
```

Border

The CSS property to change the border of an element to RGB 169, 55, 201 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, 55, 201) }
```

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

```
.border{ border-color:rgb(169, 55, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 55, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 55, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 55, 201); box-shadow:4px 4px 4px 4px rgb(169, 55, 201) }
```

Background

The CSS property to change the background color of an element to RGB 169, 55, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 55, 201) }
```

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

```
.background{ background-color: rgb(169, 55,  
201) }
```

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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