

# Converting Colors

RGB(164, 129, 169)

Have a look what the booklet for  
RGB(164, 129, 169) contains.

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# **Color**

**RGB(164, 129, 169)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A481A9
RGB	164, 129, 169
RGB Percent	64%, 51%, 66%
CMY	0.3569, 0.4941, 0.3373
CMYK	0.03, 0.24, 0.00, 0.34
HSL	292°, 19%, 58%
HSV	292°, 24%, 66%
XYZ	30.3215, 26.4576, 41.0448
YIQ	144.0250, 8.0200, 19.8600

# Conversions

## Conversions Part 2

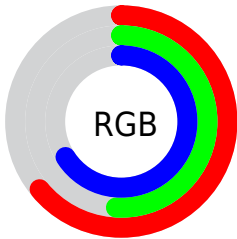
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 129, 169
Decimal	10781097
CIELab	58.47, 20.66, -16.08
CIElCh	58, 26.179, 322.100
Yxy	26.4576, 0.3100, 0.2705
Android (android.graphics.Color)	4288971177 (0xFFA481A9)
YUV	144.0250, 12.3127, 17.5181
Hunter-Lab	51.4370, 15.2092, -11.3054

# Details

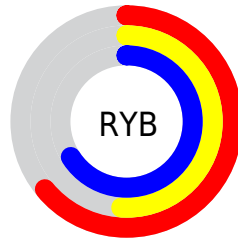
The RGB color **164, 129, 169** is a light color, and the websafe version is hex **996699**. A complement of this color would be **134, 169, 129**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **219, 182, 224**, and **112, 79, 117** is the 20% darker color. If you saturate the color by 10%, you get **162, 112, 169**, and if you desaturate by 10%, it is **166, 146, 169**.

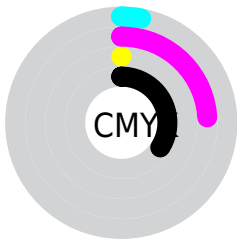
# Distribution



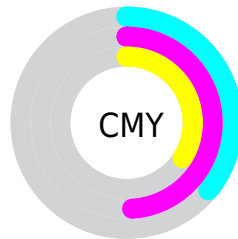
- Red (64%)
- Green (51%)
- Blue (66%)



- Red (64%)
- Yellow (51%)
- Blue (66%)



- Cyan (3%)
- Magenta (24%)
- Yellow (0%)
- Black (34%)




- Cyan (36%)
- Magenta (49%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 164, 129, 169 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 164, 129, 169 by changing the saturation by 10% instead.




 164, 129, 169


255, 255, 255

 219, 182, 224

 248, 210, 253


 255, 238, 255

 164, 129, 169

 137, 104, 142

 112, 79, 117


 87, 56, 92

 63, 34, 68


 40, 13, 46

 19, 0, 26

 0, 0, 0

 164, 129, 169


 162, 112, 169


 164, 129, 169


 166, 146, 169


 160, 95, 169


 168, 163, 169

 158, 78, 169


 170, 180, 169

 156, 61, 169


 172, 197, 169

 153, 44, 169

 175, 213, 169

 151, 28, 169

 177, 230, 169

 149, 11, 169

 179, 247, 169

 148, 0, 169

 181, 255, 169

 183, 255, 169

# Harmonies

## Analogous

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



135, 137, 183



164, 129, 169



182, 124, 148

# Triad

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



164, 129, 169



162, 137, 95



68, 153, 157

# Complementary

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



164, 129, 169



134, 169, 129

# 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.



87, 153, 134



164, 129, 169



139, 144, 98

# Square

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



164, 129, 169



179, 129, 105



113, 150, 112



73, 150, 176

# Rectangle

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



164, 129, 169



186, 124, 132



113, 150, 112



72, 153, 149



# Sweetspot

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



164, 129, 169



217, 204, 219



129, 134, 169



109, 101, 110



237, 237, 237



110, 110, 110



# Same Dimension

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



164, 129, 169



212, 158, 219



169, 129, 154



83, 76, 84



129, 0, 148



18, 0, 20



# Inverse Universe

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



169, 129, 134



219, 158, 166



129, 169, 144



84, 76, 77



148, 0, 18

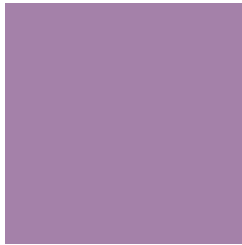


20, 0, 3



# Previews

## White Background



This preview shows how the RGB color 164, 129, 169 looks on a white background.

## Color Contrast Check

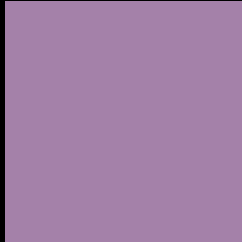
Large Text (above 18pt) WCAG AA ✓ Pass

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 164, 129, 169 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

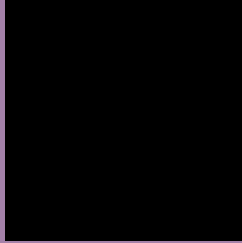
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 164, 129, 169 Background



This preview shows how black text looks on a background with the RGB color 164, 129, 169.

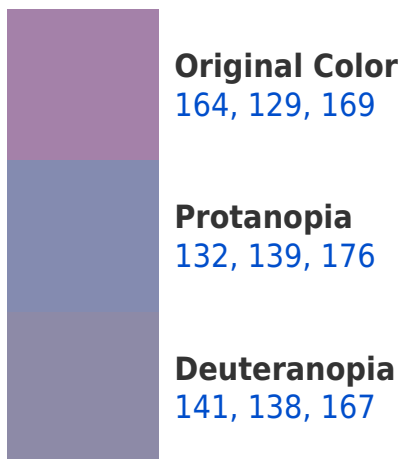


This preview shows how white text looks on a background with the RGB color 164, 129, 169.

# 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**  
160, 134, 144

# Trichromacy



**Original Color**  
164, 129, 169

**Protanomaly**  
144, 135, 173

**Deuteranomaly**  
149, 135, 168

**Tritanomaly**  
161, 132, 153

# Monochromacy



**Original Color**  
164, 129, 169

**Achromatopsia**  
144, 144, 144

**Achromatomaly**  
151, 139, 153

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 164, 129, 169 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(164, 129, 169)` looks like.

```
.text, #text, p{  
    color:rgb(164, 129, 169)  
}
```

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(164, 129, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 129, 169) }
```

## Border

The CSS property to change the border of an element to RGB 164, 129, 169 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(164, 129, 169) }
```

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

```
.border{ border-color:rgb(164, 129, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 129, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 129, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 129, 169);  
box-shadow:4px 4px 4px 4px rgb(164, 129,  
169) }
```

# Background

The CSS property to change the background color of an element to RGB 164, 129, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 129, 169) }
```

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

```
.background{ background-color: rgb(164,  
129, 169) }
```

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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