

# Converting Colors

RGB(164, 149, 161)

Have a look what the booklet for  
RGB(164, 149, 161) contains.

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# Color

**RGB(164, 149, 161)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A495A1
RGB	164, 149, 161
RGB Percent	64%, 58%, 63%
CMY	0.3569, 0.4157, 0.3686
CMYK	0.00, 0.09, 0.02, 0.36
HSL	312°, 8%, 61%
HSV	312°, 9%, 64%
XYZ	32.4903, 31.9606, 38.1748
YIQ	154.8530, 5.0880, 6.9120

# Conversions

## Conversions Part 2

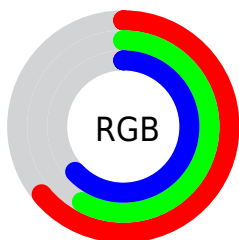
Format	Color
<a href="#">RYB</a>	<a href="#">164, 149, 161</a>
Decimal	<a href="#">10786209</a>
CIELab	<a href="#">63.31, 7.75, -4.29</a>
CIELCh	<a href="#">63, 8.854, 331.056</a>
Yxy	<a href="#">31.9606, 0.3166, 0.3114</a>
Android (android.graphics.Color)	<a href="#">4288976289</a> (0xFFA495A1)
YUV	<a href="#">154.8530, 3.0305, 8.0219</a>
Hunter-Lab	<a href="#">56.5337, 3.6511, -0.4624</a>

# Details

The RGB color **164, 149, 161** is a light color, and the websafe version is hex **999999**. A complement of this color would be **149, 164, 152**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **219, 203, 216**, and **112, 98, 110** is the 20% darker color. If you saturate the color by 10%, you get **164, 133, 158**, and if you desaturate by 10%, it is **164, 165, 164**.

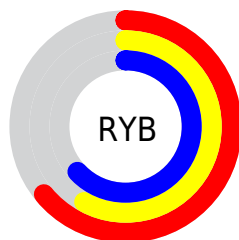
# Distribution



Red (64%)

Green (58%)

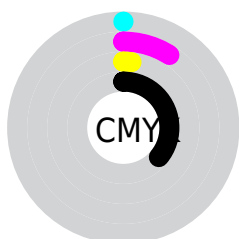
Blue (63%)



Red (64%)

Yellow (58%)

Blue (63%)

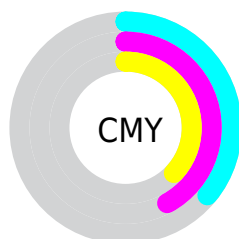


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (37%)


# Brightness & Saturation

## Gradients

These gradients show how the RGB color 164, 149, 161 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, 149, 161 by changing the saturation by 10% instead.





 164, 149, 161

255, 255, 255

 219, 203, 216


 247, 231, 244

 164, 149, 161

 138, 123, 135

 112, 98, 110


 88, 74, 85

 64, 52, 62

 42, 31, 40


 23, 6, 20


 0, 0, 0

 164, 149, 161


 164, 133, 158

 164, 149, 161

 164, 165, 164

 164, 116, 154

 164, 182, 168

 164, 100, 151


 164, 198, 171

 164, 83, 148

 164, 215, 174

 164, 67, 145

 164, 231, 177

 164, 51, 141

 164, 247, 181

 164, 34, 138

 164, 255, 184

 164, 18, 135

 164, 255, 187

 164, 1, 131

 164, 255, 191

# Harmonies

## Analogous

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



155, 151, 167



164, 149, 161



169, 148, 153

# Triad

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



164, 149, 161



160, 153, 138



134, 158, 161

# Complementary

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



164, 149, 161



149, 164, 152

# 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.



136, 158, 153



164, 149, 161



151, 155, 140

# Square

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



164, 149, 161



167, 150, 140



142, 157, 145



137, 156, 167

# Rectangle

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



164, 149, 161



170, 148, 148



142, 157, 145



134, 158, 159



# Sweetspot

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



164, 149, 161



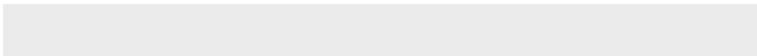
214, 208, 213



152, 149, 164



107, 103, 106



235, 235, 235



107, 107, 107



# Same Dimension

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



164, 149, 161



214, 191, 209



164, 149, 154



82, 73, 80



145, 0, 116



18, 0, 14



# Inverse Universe

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



164, 149, 161



214, 191, 209



149, 164, 159



82, 73, 80



145, 0, 116

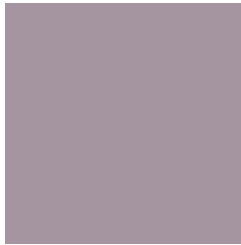


18, 0, 14



# Previews

## White Background



This preview shows how the RGB color 164, 149, 161 looks on a white background.

## Color Contrast Check

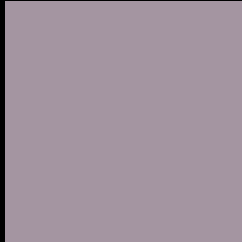
Large Text (above 18pt) WCAG AA × Fail

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, 149, 161 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

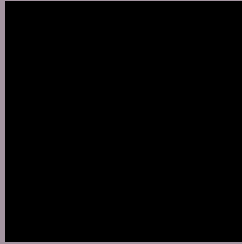
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 164, 149, 161 Background



This preview shows how black text looks on a background with the RGB color 164, 149, 161.



This preview shows how white text looks on a background with the RGB color 164, 149, 161.

# 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



### Original Color

164, 149, 161

### Protanopia

153, 152, 163

### Deuteranopia

165, 149, 161



## Tritanopia

164, 149, 161

# Trichromacy

	<b>Original Color</b> 164, 149, 161
	<b>Protanomaly</b> 157, 151, 162
	<b>Deuteranomaly</b> 165, 149, 161
	<b>Tritanomaly</b> 164, 149, 161

# Monochromacy

	<b>Original Color</b> 164, 149, 161
	<b>Achromatopsia</b> 155, 155, 155
	<b>Achromatomaly</b> 158, 153, 157

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 164, 149, 161 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, 149, 161) looks like.

```
.text, #text, p{  
    color:rgb(164, 149, 161)  
}
```

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, 149, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 149, 161) }
```

## Border

The CSS property to change the border of an element to RGB 164, 149, 161 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, 149, 161) }
```

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

```
.border{ border-color:rgb(164, 149, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 149, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 149, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 149, 161);  
box-shadow:4px 4px 4px 4px rgb(164, 149,  
161) }
```

# Background

The CSS property to change the background color of an element to RGB 164, 149, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 149, 161) }
```

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

```
.background{ background-color: rgb(164,  
149, 161) }
```

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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