Converting Colors

RGB(165, 163, 174)

Have a look what the booklet for RGB(165, 163, 174) contains.

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Color

RGB(165, 163, 174)

Conversions

Format	Color
	Conversions Part 1
Hex	A5A3AE
RGB	165, 163, 174
RGB Percent	65%, 64%, 68%
CMY	0.3529, 0.3608, 0.3176
CMYK	0.05, 0.06, 0.00, 0.32
HSL	251°, 6%, 66%
HSV	251°, 6%, 68%
XYZ	36.2542, 37.2497, 45.3235
YIQ	164.8520, -2.3390, 3.8450

Conversions

Conversions Part 2

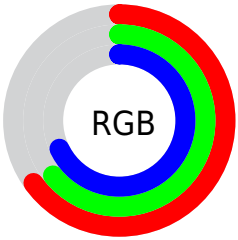
Format	Color
RYB	165, 163, 174
Decimal	10855342
CIELab	67.46, 2.85, -5.43
CIELCh	67, 6.133, 297.740
Yxy	37.2497, 0.3051, 0.3135
Android (android.graphics.Color)	4289045422 (0xFFA5A3AE)
YUV	164.8520, 4.5100, 0.1298
Hunter-Lab	61.0325, -0.7753, -1.3067

Details

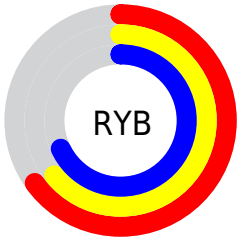
The RGB color 165, 163, 174 is a light color, and the websafe version is hex 999999. A complement of this color would be 172, 174, 163, and the grayscale version is 165, 165, 165.

A 20% lighter version of the original color is 220, 218, 229, and 113, 111, 122 is the 20% darker color. If you saturate the color by 10%, you get 151, 146, 174, and if you desaturate by 10%, it is 179, 180, 174.

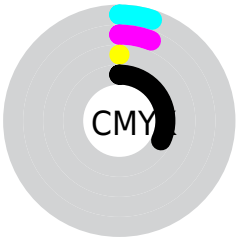
Distribution



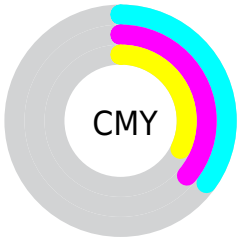
- Red (65%)
- Green (64%)
- Blue (68%)



- Red (65%)
- Yellow (64%)
- Blue (68%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (32%)



- Cyan (35%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 163, 174 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 165, 163, 174 by changing the saturation by 10% instead.

165, 163, 174	165, 163, 174
255, 255, 255	139, 137, 147
220, 218, 229	113, 111, 122
249, 246, 255	89, 87, 97
	65, 64, 73
	43, 42, 51
	23, 22, 30
	0, 0, 3
	0, 0, 0

165, 163, 174	165, 163, 174

151, 146, 174

137, 128, 174

122, 111, 174

108, 93, 174

94, 76, 174

80, 59, 174

65, 41, 174

51, 24, 174

37, 6, 174

179, 180, 174

193, 198, 174

208, 215, 174

222, 233, 174

236, 250, 174

250, 255, 174

255, 255, 174

Harmonies

Analogous

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

158, 165, 175

165, 163, 174

171, 161, 170

Triad

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

165, 163, 174

174, 162, 155

152, 168, 164

Complementary

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

165, 163, 174

172, 174, 163

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.

157, 167, 158

165, 163, 174

170, 164, 153

Square

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

165, 163, 174

177, 161, 159

163, 166, 154

151, 167, 169

Rectangle

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

165, 163, 174

174, 161, 167

163, 166, 154

154, 167, 162

Sweetspot

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

165, 163, 174

223, 222, 227

163, 172, 174

113, 112, 115

242, 242, 242

115, 115, 115

Same Dimension

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

165, 163, 174

212, 209, 227

170, 163, 174

80, 78, 87

27, 0, 150

4, 0, 23

Inverse Universe

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

174, 163, 172

227, 209, 224

167, 174, 163

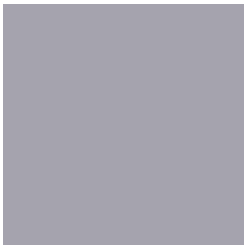
87, 78, 85

150, 0, 123

23, 0, 19

Previews

White Background

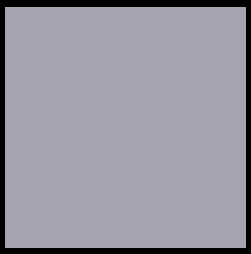


This preview shows how the RGB color 165, 163, 174 looks on a white background.

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



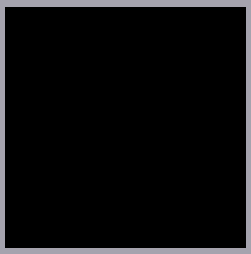
This preview shows how the RGB color 165, 163, 174 looks on a black background.

Color Contrast Check

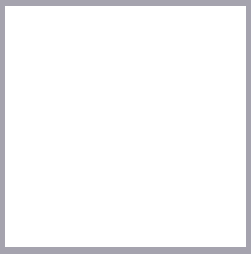
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 165, 163, 174 Background



This preview shows how black text looks on a background with the RGB color 165, 163, 174.

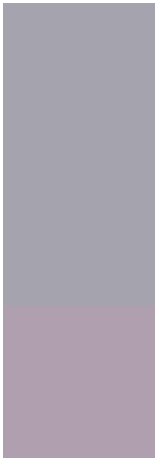


This preview shows how white text looks on a background with the RGB color 165, 163, 174.

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



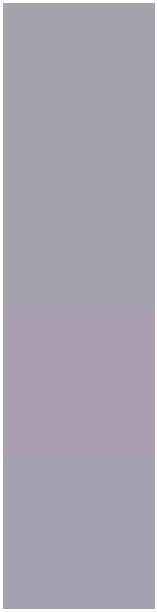
Original Color
165, 163, 174

Protanopia
164, 163, 174

Deuteranopia
175, 159, 175

Tritanopia
165, 163, 176

Trichromacy



Original Color
165, 163, 174

Protanomaly
164, 163, 174

Deuteranomaly
171, 160, 175

Tritanomaly
165, 163, 175

Monochromacy

Original Color
165, 163, 174

Achromatopsia
165, 165, 165

Achromatomaly
165, 164, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 163, 174 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(165, 163, 174) looks like.

```
.text, #text, p{
    color:rgb(165, 163, 174)
}
```

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(165, 163, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 163, 174) }
```

Border

The CSS property to change the border of an element to RGB 165, 163, 174 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(165, 163, 174) }
```

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

```
.border{ border-color:rgb(165, 163, 174) }
```

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

Here you see how a box with a 4 pixel rgb(165, 163, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 163, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 163, 174); box-shadow:4px 4px 4px 4px rgb(165, 163, 174) }
```

Background

The CSS property to change the background color of an element to RGB 165, 163, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(165, 163, 174) }
```

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

```
.background{ background-color:rgb(165,
163, 174) }
```

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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