Converting Colors

RGB(167, 163, 204)

Have a look what the booklet for RGB(167, 163, 204) contains.

Color

RGB(167, 163, 204)

Conversions

Conversions Part 1

Format	Color
Hex	A7A3CC
RGB	167, 163, 204
RGB Percent	65%, 64%, 80%
CMY	0.3451, 0.3608, 0.2000
CMYK	0.18, 0.20, 0.00, 0.20
HSL	246°, 29%, 72%
HSV	246°, 20%, 80%
XYZ	39.9326, 38.7695, 62.5053
YIQ	168.8700, -10.7770, 13.5990

Conversions

Conversions Part 2

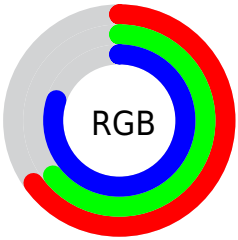
Format	Color
RYB	167, 163, 204
Decimal	10986444
CIELab	68.58, 9.90, -20.39
CIELCh	69, 22.661, 295.898
Yxy	38.7695, 0.2828, 0.2746
Android (android.graphics.Color)	4289176524 (0xFFA7A3CC)
YUV	168.8700, 17.3191, -1.6400
Hunter-Lab	62.2652, 5.5137, -15.9331

Details

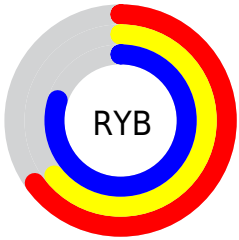
The RGB color 167, 163, 204 is a light color, and the websafe version is hex 9999CC. A complement of this color would be 200, 204, 163, and the grayscale version is 169, 169, 169.

A 20% lighter version of the original color is 222, 218, 255, and 115, 111, 150 is the 20% darker color. If you saturate the color by 10%, you get 149, 143, 204, and if you desaturate by 10%, it is 185, 183, 204.

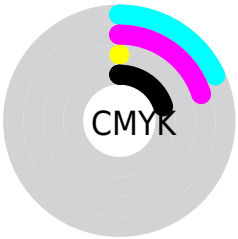
Distribution



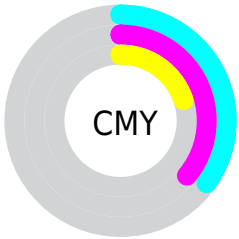
- Red (65%)
- Green (64%)
- Blue (80%)



- Red (65%)
- Yellow (64%)
- Blue (80%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)
- Black (20%)



- Cyan (35%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 167, 163, 204 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 167, 163, 204 by changing the saturation by 10% instead.

167, 163, 204	167, 163, 204
255, 255, 255	140, 137, 176
222, 218, 255	115, 111, 150
251, 246, 255	90, 87, 124
	65, 64, 99
	42, 42, 75
	20, 22, 52
	0, 0, 31
	0, 0, 2
	0, 0, 0

167, 163, 204	167, 163, 204
149, 143, 204	185, 183, 204
130, 122, 204	204, 204, 204
112, 102, 204	222, 224, 204
93, 81, 204	241, 245, 204
75, 61, 204	255, 255, 204
57, 41, 204	
38, 20, 204	
20, 0, 204	

Harmonies

Analogous

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

139, 170, 208

167, 163, 204

191, 156, 191

Triad

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

167, 163, 204

202, 158, 134

119, 179, 164

Complementary

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

167, 163, 204

200, 204, 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.

140, 176, 144

167, 163, 204

185, 165, 127

Square

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

167, 163, 204

209, 154, 150

164, 171, 130

109, 179, 184

Rectangle

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

167, 163, 204

202, 154, 178

164, 171, 130

126, 178, 157

Sweetspot

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

167, 163, 204

241, 240, 255

163, 201, 204

119, 119, 128

0, 0, 0

128, 128, 128

Same Dimension

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

167, 163, 204

200, 194, 255

187, 163, 204

93, 92, 102

16, 0, 166

4, 0, 38

Inverse Universe

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

204, 163, 200

255, 194, 249

180, 204, 163

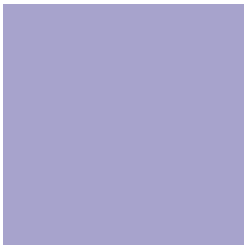
102, 92, 101

166, 0, 150

38, 0, 35

Previews

White Background

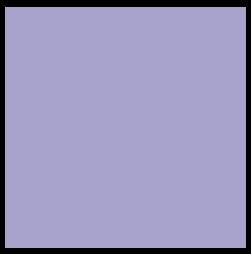


This preview shows how the RGB color 167, 163, 204 looks on a white background.

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



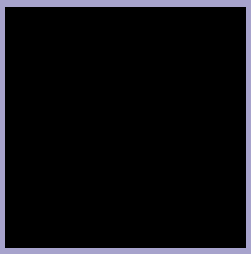
This preview shows how the RGB color 167, 163, 204 looks on a black background.

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 167, 163, 204 Background



This preview shows how black text looks on a background with the RGB color 167, 163, 204.

This preview shows how white text looks on a background with the RGB color 167, 163, 204.

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

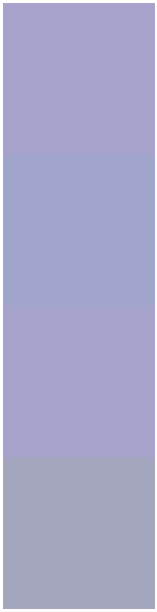
Original Color
167, 163, 204

Protanopia
158, 166, 206

Deuteranopia
165, 164, 204

Tritanopia
163, 167, 180

Trichromacy



Original Color
167, 163, 204

Protanomaly
161, 165, 205

Deuteranomaly
166, 164, 204

Tritanomaly
164, 166, 189

Monochromacy

Original Color
167, 163, 204

Achromatopsia
169, 169, 169

Achromatomaly
168, 167, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 167, 163, 204 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(167, 163, 204) looks like.

```
.text, #text, p{
    color:rgb(167, 163, 204)
}
```

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(167, 163, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 163, 204) }
```

Border

The CSS property to change the border of an element to RGB 167, 163, 204 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(167, 163, 204) }
```

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

```
.border{ border-color:rgb(167, 163, 204) }
```

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

Here you see how a box with a 4 pixel rgb(167, 163, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 163, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 163, 204); box-shadow:4px 4px 4px 4px rgb(167, 163, 204) }
```

Background

The CSS property to change the background color of an element to RGB 167, 163, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(167, 163, 204) }
```

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

```
.background{ background-color:rgb(167,
163, 204) }
```

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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