

Converting Colors

RGB(167, 153, 188)

Have a look what the booklet for
RGB(167, 153, 188) contains.

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Color

RGB(167, 153, 188)

Conversions

Conversions Part 1

Format	Color
Hex	A799BC
RGB	167, 153, 188
RGB Percent	65%, 60%, 74%
CMY	0.3451, 0.4000, 0.2627
CMYK	0.11, 0.19, 0.00, 0.26
HSL	264°, 21%, 67%
HSV	264°, 19%, 74%
XYZ	36.4047, 34.6288, 52.3422
YIQ	161.1760, -2.8910, 13.8530

Conversions

Conversions Part 2

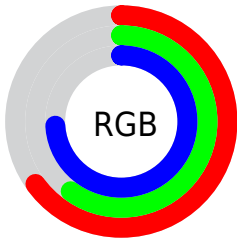
Format	Color
RYB	167, 153, 188
Decimal	10983868
CIELab	65.46, 12.00, -16.23
CIELCh	65, 20.182, 306.481
Yxy	34.6288, 0.2951, 0.2807
Android (android.graphics.Color)	4289173948 (0xFFA799BC)
YUV	161.1760, 13.2242, 5.1076
Hunter-Lab	58.8462, 7.4465, -11.5446

Details

The RGB color **167, 153, 188** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **174, 188, 153**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **222, 207, 244**, and **115, 102, 135** is the 20% darker color. If you saturate the color by 10%, you get **156, 134, 188**, and if you desaturate by 10%, it is **178, 172, 188**.

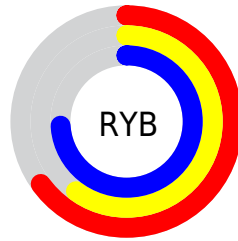
Distribution



Red (65%)

Green (60%)

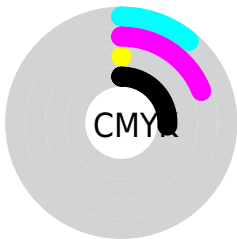
Blue (74%)



Red (65%)

Yellow (60%)

Blue (74%)

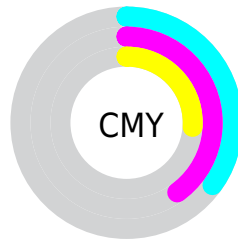


Cyan (11%)

Magenta (19%)

Yellow (0%)

Black (26%)



Cyan (35%)

Magenta (40%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 167, 153, 188 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, 153, 188 by changing the saturation by 10% instead.


 167, 153, 188

255, 255, 255

 222, 207, 244

 251, 236, 255

 167, 153, 188

 140, 127, 161

 115, 102, 135

 90, 78, 109


 66, 55, 85


 44, 34, 62

 23, 12, 40

 0, 1, 18

 0, 0, 0

 167, 153, 188

 167, 153, 188

■ 156, 134, 188

■ 178, 172, 188

■ 144, 115, 188

■ 190, 191, 188

■ 133, 97, 188

■ 201, 209, 188

■ 122, 78, 188

■ 212, 228, 188

■ 111, 59, 188

■ 223, 247, 188

■ 99, 40, 188

■ 235, 255, 188

■ 88, 21, 188

■ 246, 255, 188

■ 77, 3, 188

■ 255, 255, 188

■ 75, 0, 188

Harmonies

Analogous

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



143, 159, 195



167, 153, 188



186, 148, 174

Triad

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



167, 153, 188



185, 153, 126



113, 169, 162

Complementary

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



167, 153, 188



174, 188, 153

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.



128, 168, 144



167, 153, 188



169, 159, 123

Square

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



167, 153, 188



195, 148, 138



149, 164, 130



109, 168, 180

Rectangle

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



167, 153, 188



193, 146, 162



149, 164, 130



117, 169, 156

Sweetspot

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



167, 153, 188



236, 230, 245



153, 174, 188



117, 114, 122



250, 250, 250



122, 122, 122

Same Dimension

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



167, 153, 188



212, 191, 245



185, 153, 188



89, 85, 94



63, 0, 158



12, 0, 31

Inverse Universe

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



188, 153, 174



245, 191, 223



157, 188, 153



94, 85, 91



158, 0, 95



31, 0, 18

Previews

White Background



This preview shows how the RGB color 167, 153, 188 looks on a white background.

Color Contrast Check

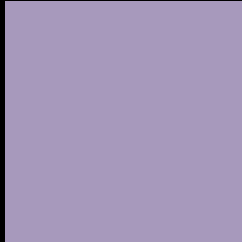
Large Text (above 18pt) WCAG AA × Fail

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, 153, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

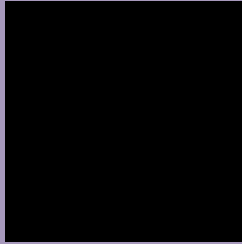
Any Text WCAG AA ✓ Pass

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, 153, 188 Background



This preview shows how black text looks on a background with the RGB color 167, 153, 188.



This preview shows how white text looks on a background with the RGB color 167, 153, 188.

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, 153, 188

Protanopia
152, 158, 191

Deuteranopia
161, 155, 188



Tritanopia
164, 156, 169

Trichromacy



Original Color
167, 153, 188

Protanomaly
157, 156, 190

Deuteranomaly
163, 154, 188

Tritanomaly
165, 155, 176

Monochromacy



Original Color
167, 153, 188

Achromatopsia
161, 161, 161

Achromatomaly
163, 158, 171

CSS Examples

Text

The CSS property to change the color of the text to RGB 167, 153, 188 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, 153, 188)` looks like.

```
.text, #text, p{  
    color:rgb(167, 153, 188)  
}
```

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, 153, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 153, 188) }
```

Border

The CSS property to change the border of an element to RGB 167, 153, 188 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, 153, 188) }
```

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

```
.border{ border-color:rgb(167, 153, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 153, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 153, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 153, 188);  
box-shadow:4px 4px 4px 4px rgb(167, 153,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 167, 153, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 153, 188) }
```

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

```
.background{ background-color: rgb(167,  
153, 188) }
```

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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