

Converting Colors

RGB(165, 153, 187)

Have a look what the booklet for
RGB(165, 153, 187) contains.

RGB(165, 153, 187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(165, 153, 187)

Conversions

Conversions Part 1

Format	Color
Hex	A599BB
RGB	165, 153, 187
RGB Percent	65%, 60%, 73%
CMY	0.3529, 0.4000, 0.2667
CMYK	0.12, 0.18, 0.00, 0.27
HSL	261°, 20%, 67%
HSV	261°, 18%, 73%
XYZ	35.8779, 34.3697, 51.7567
YIQ	160.4640, -3.7620, 13.1180

Conversions

Conversions Part 2

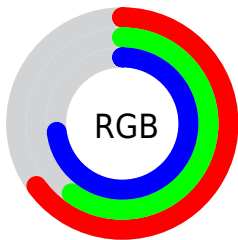
Format	Color
R_{YB}	165, 153, 187
Decimal	10852795
CIE _{Lab}	65.25, 11.12, -15.99
CIE _{LCh}	65, 19.477, 304.806
Yxy	34.3697, 0.2941, 0.2817
Android (android.graphics.Color)	4289042875 (0xFFA599BB)
YUV	160.4640, 13.0822, 3.9781
Hunter-Lab	58.6256, 6.6442, -11.3053

Details

The RGB color **165, 153, 187** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **175, 187, 153**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **220, 207, 243**, and **113, 102, 134** is the 20% darker color. If you saturate the color by 10%, you get **153, 134, 187**, and if you desaturate by 10%, it is **177, 172, 187**.

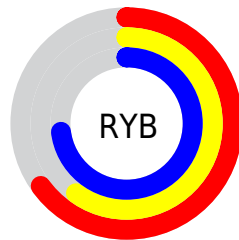
Distribution



Red (65%)

Green (60%)

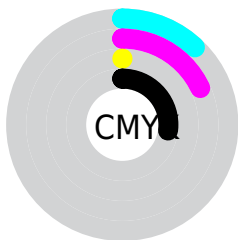
Blue (73%)



Red (65%)

Yellow (60%)

Blue (73%)

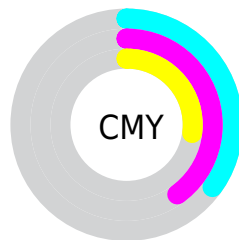


Cyan (12%)

Magenta (18%)

Yellow (0%)

Black (27%)



Cyan (35%)

Magenta (40%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 153, 187 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, 153, 187 by changing the saturation by 10% instead.

 165, 153, 187


255, 255, 255

 220, 207, 243


 249, 236, 255

 165, 153, 187

 139, 127, 160

 113, 102, 134

 88, 78, 108

 65, 55, 84

 42, 34, 61

 22, 12, 39

 0, 1, 17

 0, 0, 0

 165, 153, 187

 165, 153, 187

■ 153, 134, 187

■ 177, 172, 187

■ 141, 116, 187

■ 189, 190, 187

■ 129, 97, 187

■ 201, 209, 187

■ 117, 78, 187

■ 213, 228, 187

■ 104, 59, 187

■ 226, 246, 187

■ 92, 41, 187

■ 238, 255, 187

■ 80, 22, 187

■ 250, 255, 187

■ 68, 3, 187

■ 255, 255, 187

■ 66, 0, 187

Harmonies

Analogous

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



142, 159, 193



165, 153, 187



184, 148, 174

Triad

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



165, 153, 187



185, 152, 127



115, 168, 161

Complementary

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



165, 153, 187



175, 187, 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.



130, 167, 143



165, 153, 187



169, 158, 124

Square

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



165, 153, 187



194, 148, 139



150, 163, 130



110, 168, 178

Rectangle

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



165, 153, 187



191, 146, 162



150, 163, 130



119, 168, 155

Sweetspot

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



165, 153, 187



234, 230, 242



153, 175, 187



118, 115, 122



250, 250, 250



122, 122, 122

Same Dimension

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



165, 153, 187



208, 189, 242



182, 153, 187



88, 85, 94



56, 0, 158



11, 0, 31

Inverse Universe

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



187, 153, 175



242, 189, 223



158, 187, 153



94, 85, 91



158, 0, 102



31, 0, 20

Previews

White Background



This preview shows how the RGB color 165, 153, 187 looks on a white background.

Color Contrast Check

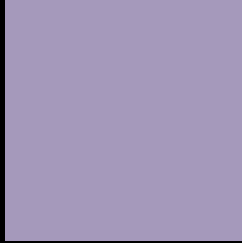
Large Text (above 18pt) WCAG AA × Fail

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, 153, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

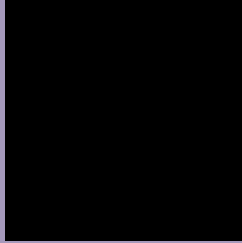
Any Text WCAG AA ✓ Pass

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, 153, 187 Background



This preview shows how black text looks on a background with the RGB color 165, 153, 187.



This preview shows how white text looks on a background with the RGB color 165, 153, 187.

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, 153, 187

Protanopia
152, 157, 190

Deuteranopia
160, 155, 187



Tritanopia
162, 156, 169

Trichromacy



Original Color
165, 153, 187

Protanomaly
157, 156, 189

Deuteranomaly
162, 154, 187

Tritanomaly
163, 155, 176

Monochromacy



Original Color
165, 153, 187

Achromatopsia
160, 160, 160

Achromatomaly
162, 157, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 153, 187 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, 153, 187) looks like.

```
.text, #text, p{  
    color:rgb(165, 153, 187)  
}
```

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, 153, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 153, 187) }
```

Border

The CSS property to change the border of an element to RGB 165, 153, 187 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, 153, 187) }
```

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

```
.border{ border-color:rgb(165, 153, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 153, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 153, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 153, 187);  
box-shadow:4px 4px 4px 4px rgb(165, 153,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 165, 153, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 153, 187) }
```

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

```
.background{ background-color: rgb(165,  
153, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor