

Converting Colors

RGB(157, 157, 186)

Have a look what the booklet for
RGB(157, 157, 186) contains.

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Color

RGB(157, 157, 186)

Conversions

Conversions Part 1

Format	Color
Hex	9D9DBA
RGB	157, 157, 186
RGB Percent	62%, 62%, 73%
CMY	0.3843, 0.3843, 0.2706
CMYK	0.16, 0.16, 0.00, 0.27
HSL	240°, 17%, 67%
HSV	240°, 16%, 73%
XYZ	34.8245, 34.8272, 51.3412
YIQ	160.3060, -9.3090, 9.0190

Conversions

Conversions Part 2

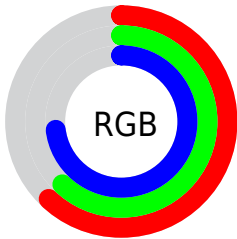
Format	Color
R _{YB}	157, 157, 186
Decimal	10329530
CIE Lab	65.61, 6.00, -14.95
CIE LCh	66, 16.112, 291.856
Yxy	34.8272, 0.2878, 0.2878
Android (android.graphics.Color)	4288519610 (0xFF9D9DBA)
YUV	160.3060, 12.6671, -2.8994
Hunter-Lab	59.0146, 2.0574, -10.2706

Details

The RGB color **157, 157, 186** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **186, 186, 157**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **212, 212, 242**, and **105, 106, 133** is the 20% darker color. If you saturate the color by 10%, you get **138, 138, 186**, and if you desaturate by 10%, it is **176, 176, 186**.

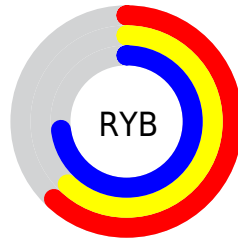
Distribution



Red (62%)

Green (62%)

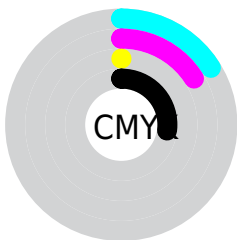
Blue (73%)



Red (62%)

Yellow (62%)

Blue (73%)

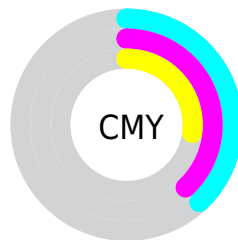


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (27%)



Cyan (38%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 157, 186 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 157, 157, 186 by changing the saturation by 10% instead.


 157, 157, 186

255, 255, 255


 212, 212, 242


 240, 240, 255

 157, 157, 186

 131, 131, 159

 105, 106, 133

 81, 82, 108


 58, 59, 83


 35, 37, 60

 15, 16, 38

 0, 1, 17

 0, 0, 0

 157, 157, 186

 157, 157, 186

■ 138, 138, 186

■ 176, 176, 186

■ 120, 120, 186

■ 194, 194, 186

■ 101, 101, 186

■ 213, 213, 186

■ 83, 83, 186

■ 231, 231, 186

■ 64, 64, 186

■ 250, 250, 186

■ 45, 45, 186

■ 255, 255, 186

■ 27, 27, 186

■ 8, 8, 186

■ 0, 0, 186

Harmonies

Analogous

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



138, 162, 188



157, 157, 186



174, 152, 177

Triad

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



157, 157, 186



186, 153, 137



129, 168, 155

Complementary

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



157, 157, 186



186, 186, 157

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.



143, 165, 141



157, 157, 186



175, 157, 131

Square

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



157, 157, 186



190, 150, 149



159, 162, 132



121, 168, 170

Rectangle

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



157, 157, 186



183, 150, 169



159, 162, 132



133, 167, 150

Sweetspot

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



157, 157, 186



230, 230, 242



157, 186, 186



115, 115, 122



250, 250, 250



122, 122, 122

Same Dimension

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



157, 157, 186



196, 196, 242



172, 157, 186



83, 83, 92



0, 0, 156



0, 0, 28

Inverse Universe

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



186, 157, 186



242, 196, 242



172, 186, 157



92, 83, 92



156, 0, 156



28, 0, 28

Previews

White Background



This preview shows how the RGB color 157, 157, 186 looks on a white background.

Color Contrast Check

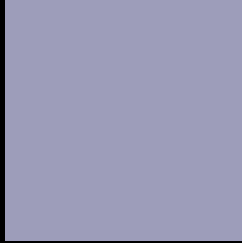
Large Text (above 18pt) WCAG AA × Fail

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 157, 157, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

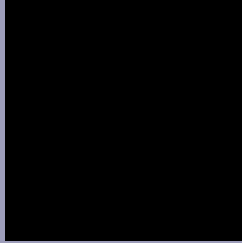
Any Text WCAG AA ✓ Pass

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 157, 157, 186 Background



This preview shows how black text looks on a background with the RGB color 157, 157, 186.



This preview shows how white text looks on a background with the RGB color 157, 157, 186.

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](#).

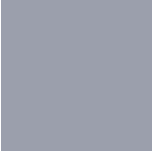
Dichromacy



Original Color
[157, 157, 186](#)

Protanopia
[154, 158, 187](#)

Deuteranopia
[162, 155, 186](#)



Tritanopia
155, 159, 172

Trichromacy



Original Color

157, 157, 186

Protanomaly

155, 158, 187

Deuteranomaly

160, 156, 186

Tritanomaly

156, 158, 177

Monochromacy



Original Color

157, 157, 186

Achromatopsia

160, 160, 160

Achromatomaly

159, 159, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 157, 186 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(157, 157, 186)` looks like.

```
.text, #text, p{  
    color:rgb(157, 157, 186)  
}
```

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(157, 157, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 157, 186) }
```

Border

The CSS property to change the border of an element to RGB 157, 157, 186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

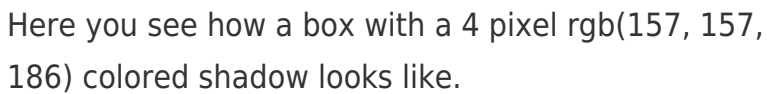
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 157, 186) }
```

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

```
.border{ border-color:rgb(157, 157, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 157, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 157, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 157, 186); box-shadow:4px 4px 4px 4px rgb(157, 157, 186) }
```

Background

The CSS property to change the background color of an element to RGB 157, 157, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 157, 186) }
```

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

```
.background{ background-color: rgb(157,  
157, 186) }
```

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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