

Converting Colors

RGB(157, 155, 213)

Have a look what the booklet for
RGB(157, 155, 213) contains.

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Color

RGB(157, 155, 213)

Conversions

Conversions Part 1

Format	Color
Hex	9D9BD5
RGB	157, 155, 213
RGB Percent	62%, 61%, 84%
CMY	0.3843, 0.3922, 0.1647
CMYK	0.26, 0.27, 0.00, 0.16
HSL	242°, 41%, 72%
HSV	242°, 27%, 84%
XYZ	37.6362, 35.4149, 67.8029
YIQ	162.2100, -17.4260, 18.4620

Conversions

Conversions Part 2

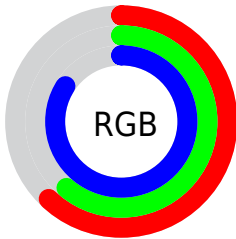
Format	Color
RYB	157, 155, 213
Decimal	10329045
CIELab	66.07, 13.41, -29.29
CIELCh	66, 32.213, 294.604
Yxy	35.4149, 0.2672, 0.2514
Android (android.graphics.Color)	4288519125 (0xFF9D9BD5)
YUV	162.2100, 25.0395, -4.5692
Hunter-Lab	59.5104, 8.7457, -25.8945

Details

The RGB color **157, 155, 213** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **211, 213, 155**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **213, 209, 255**, and **104, 104, 158** is the 20% darker color. If you saturate the color by 10%, you get **136, 134, 213**, and if you desaturate by 10%, it is **178, 176, 213**.

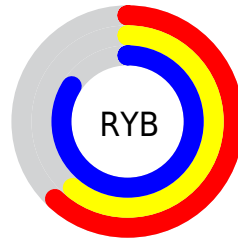
Distribution



Red (62%)

Green (61%)

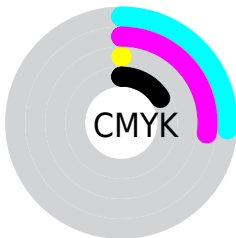
Blue (84%)



Red (62%)

Yellow (61%)

Blue (84%)

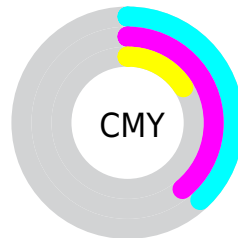


Cyan (26%)

Magenta (27%)

Yellow (0%)

Black (16%)



Cyan (38%)


Magenta (39%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 155, 213 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, 155, 213 by changing the saturation by 10% instead.


 157, 155, 213

255, 255, 255

 213, 209, 255

 241, 238, 255

 157, 155, 213


 130, 129, 185

 104, 104, 158

 79, 80, 132

 54, 57, 106

 29, 36, 82

 2, 15, 59

 0, 2, 37

 0, 1, 13

 0, 0, 0

■ 157, 155, 213

■ 157, 155, 213

■ 136, 134, 213

■ 178, 176, 213

■ 116, 112, 213

■ 198, 198, 213

■ 95, 91, 213

■ 219, 219, 213

■ 75, 70, 213

■ 239, 240, 213

■ 54, 48, 213

■ 255, 255, 213

■ 34, 27, 213

■ 13, 6, 213

■ 7, 0, 213

Harmonies

Analogous

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



113, 165, 218



157, 155, 213



192, 145, 194

Triad

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



157, 155, 213



207, 147, 114



87, 176, 154

Complementary

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



157, 155, 213



211, 213, 155

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.



122, 173, 126



157, 155, 213



185, 157, 103

Square

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



157, 155, 213



218, 140, 138



156, 166, 107



60, 176, 184

Rectangle

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



157, 155, 213



208, 140, 177



156, 166, 107



99, 175, 144

Sweetspot

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



157, 155, 213



235, 235, 255



155, 211, 213



115, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



157, 155, 213



174, 171, 255



186, 155, 213



97, 96, 107



6, 0, 171



1, 0, 43

Inverse Universe

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



213, 155, 211



255, 171, 252



182, 213, 155



107, 96, 107



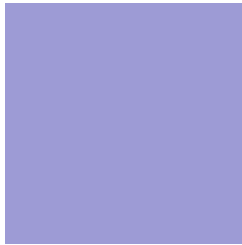
171, 0, 165



43, 0, 42

Previews

White Background



This preview shows how the RGB color 157, 155, 213 looks on a white background.

Color Contrast Check

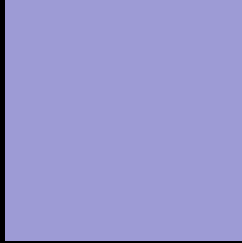
Large Text (above 18pt) WCAG AA × Fail

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, 155, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

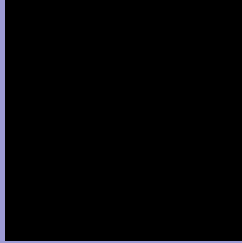
Any Text WCAG AA ✓ Pass

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, 155, 213 Background



This preview shows how black text looks on a background with the RGB color 157, 155, 213.



This preview shows how white text looks on a background with the RGB color 157, 155, 213.

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](#).

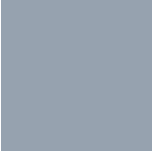
Dichromacy



Original Color
157, 155, 213

Protanopia
144, 158, 216

Deuteranopia
148, 158, 212



Tritanopia
150, 162, 175

Trichromacy



Original Color
157, 155, 213

Protanomaly
149, 157, 215

Deuteranomaly
151, 157, 212

Tritanomaly
153, 159, 189

Monochromacy



Original Color
157, 155, 213

Achromatopsia
162, 162, 162

Achromatomaly
160, 159, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 155, 213 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, 155, 213)` looks like.

```
.text, #text, p{  
    color:rgb(157, 155, 213)  
}
```

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, 155, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 155, 213) }
```

Border

The CSS property to change the border of an element to RGB 157, 155, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

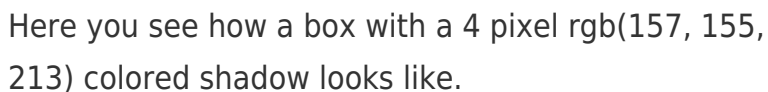
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 155, 213) }
```

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

```
.border{ border-color:rgb(157, 155, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 155, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 155, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 155, 213);  
box-shadow:4px 4px 4px 4px rgb(157, 155,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 157, 155, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 155, 213) }
```

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

```
.background{ background-color: rgb(157,  
155, 213) }
```

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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