

# Converting Colors

RGB(157, 127, 233)

Have a look what the booklet for  
RGB(157, 127, 233) contains.

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# Color

**RGB(157, 127, 233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D7FE9
RGB	157, 127, 233
RGB Percent	62%, 50%, 91%
CMY	0.3843, 0.5020, 0.0863
CMYK	0.33, 0.45, 0.00, 0.09
HSL	257°, 71%, 71%
HSV	257°, 45%, 91%
XYZ	36.2020, 28.2300, 80.6317
YIQ	148.0540, -16.1460, 39.3260

# Conversions

## Conversions Part 2

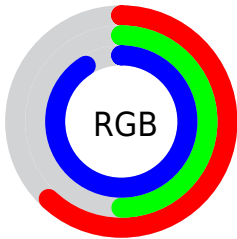
Format	Color
R <sub>Y</sub> B	157, 127, 233
Decimal	10321897
CIE Lab	60.10, 34.44, -49.74
CIE LCh	60, 60.502, 304.695
Yxy	28.2300, 0.2496, 0.1946
Android (android.graphics.Color)	4288511977 (0xFF9D7FE9)
YUV	148.0540, 41.8784, 7.8456
Hunter-Lab	53.1319, 28.6419, -52.7846

# Details

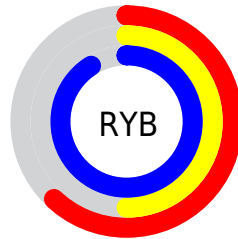
The RGB color **157, 127, 233** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **203, 233, 127**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **214, 180, 255**, and **102, 77, 177** is the 20% darker color. If you saturate the color by 10%, you get **140, 104, 233**, and if you desaturate by 10%, it is **174, 150, 233**.

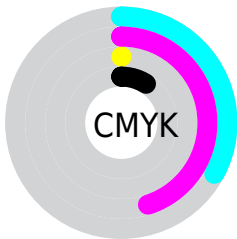
# Distribution



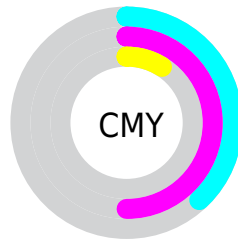
- Red (62%)
- Green (50%)
- Blue (91%)



- Red (62%)
- Yellow (50%)
- Blue (91%)



- Cyan (33%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)




- Cyan (38%)
- Magenta (50%)
- Yellow (9%)

# Brightness & Saturation Gradients


These gradients show how the RGB color 157, 127, 233 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, 127, 233 by changing the saturation by 10% instead.



 157, 127, 233

255, 255, 255

 214, 180, 255

 243, 208, 255

 255, 236, 255

 157, 127, 233

 129, 102, 205


 102, 77, 177


 74, 54, 150

 46, 31, 123


 10, 9, 98

 0, 0, 73


 0, 4, 50

 0, 1, 28


 0, 0, 0


 157, 127, 233

 157, 127, 233

 140, 104, 233

 174, 150, 233

 124, 80, 233

 190, 174, 233


 107, 57, 233


 207, 197, 233

 90, 34, 233

 224, 220, 233

 73, 11, 233

 241, 244, 233

 66, 0, 233

 255, 255, 233

# Harmonies

## Analogous

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



0, 148, 251



157, 127, 233



216, 104, 191

# Triad

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



157, 127, 233



208, 125, 44



0, 170, 152

# Complementary

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



157, 127, 233



203, 233, 127

# 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.



0, 167, 97



157, 127, 233



164, 145, 22

# Square

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



157, 127, 233



235, 104, 87



109, 159, 49



0, 169, 204

# Rectangle

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



157, 127, 233



235, 94, 157



109, 159, 49



0, 169, 133



# Sweetspot

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



157, 127, 233



229, 219, 255



127, 205, 233



112, 106, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



157, 127, 233



154, 115, 255



208, 127, 233



109, 106, 117



51, 0, 181



15, 0, 54



# Inverse Universe

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



233, 127, 203



255, 115, 215



152, 233, 127



117, 106, 114



181, 0, 130

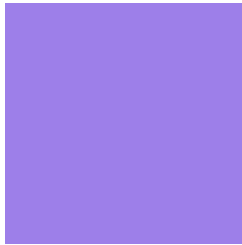


54, 0, 38



# Previews

## White Background



This preview shows how the RGB color 157, 127, 233 looks on a white background.

## Color Contrast Check

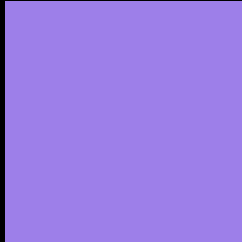
Large Text (above 18pt) WCAG AA ✓ Pass

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, 127, 233 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

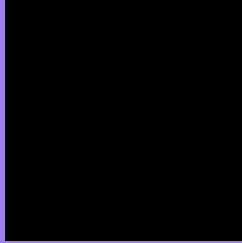
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 157, 127, 233 Background



This preview shows how black text looks on a background with the RGB color 157, 127, 233.

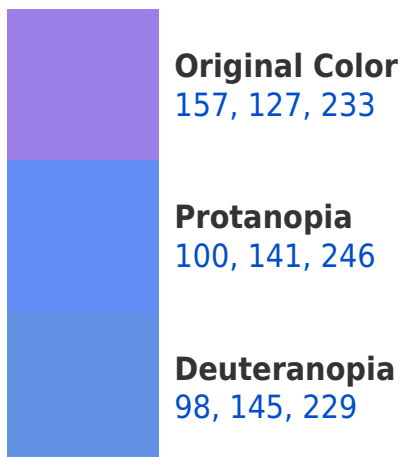


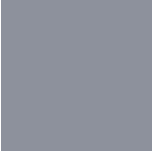
This preview shows how white text looks on a background with the RGB color 157, 127, 233.

# 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

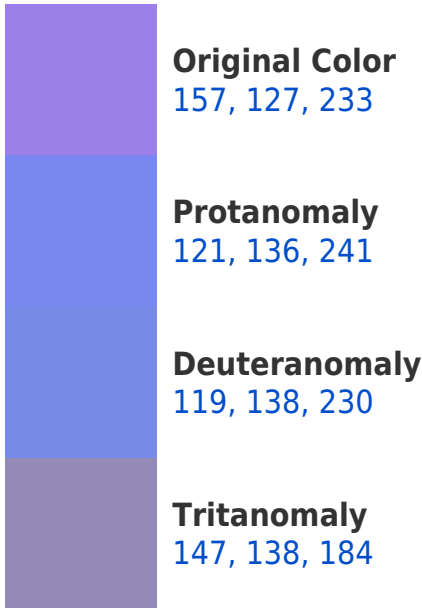




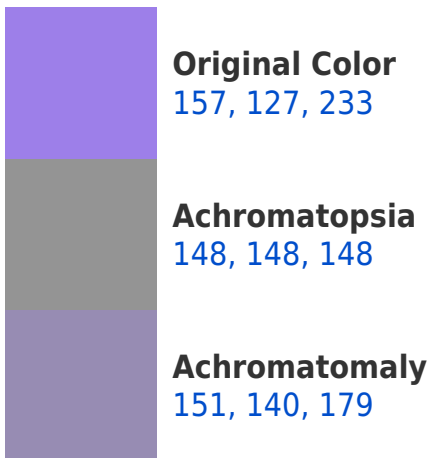
# Tritanopia

141, 145, 156

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to RGB 157, 127, 233 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, 127, 233)` looks like.

```
.text, #text, p{  
    color:rgb(157, 127, 233)  
}
```

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, 127, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 127, 233) }
```

## Border

The CSS property to change the border of an element to RGB 157, 127, 233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

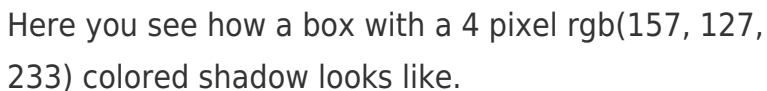
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 127, 233) }
```

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

```
.border{ border-color:rgb(157, 127, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 127, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 127, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 127, 233);  
box-shadow:4px 4px 4px 4px rgb(157, 127,  
233) }
```

# Background

The CSS property to change the background color of an element to RGB 157, 127, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 127, 233) }
```

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

```
.background{ background-color: rgb(157,  
127, 233) }
```

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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