

Converting Colors

RGB(154, 122, 233)

Have a look what the booklet for
RGB(154, 122, 233) contains.

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Color

RGB(154, 122, 233)

Conversions

Conversions Part 1

Format	Color
Hex	9A7AE9
RGB	154, 122, 233
RGB Percent	60%, 48%, 91%
CMY	0.3961, 0.5216, 0.0863
CMYK	0.34, 0.48, 0.00, 0.09
HSL	257°, 72%, 70%
HSV	257°, 48%, 91%
XYZ	34.9939, 26.6723, 80.3947
YIQ	144.2220, -16.5590, 41.3050

Conversions

Conversions Part 2

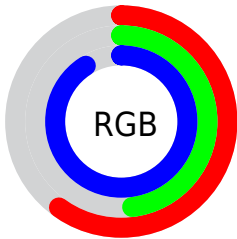
Format	Color
RYB	154, 122, 233
Decimal	10124009
CIELab	58.67, 36.51, -52.03
CIELCh	59, 63.558, 305.059
Yxy	26.6723, 0.2463, 0.1878
Android (android.graphics.Color)	4288314089 (0xFF9A7AE9)
YUV	144.2220, 43.7676, 8.5753
Hunter-Lab	51.6452, 30.5695, -56.1434

Details

The RGB color **154, 122, 233** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **201, 233, 122**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **211, 175, 255**, and **98, 72, 177** is the 20% darker color. If you saturate the color by 10%, you get **137, 99, 233**, and if you desaturate by 10%, it is **171, 145, 233**.

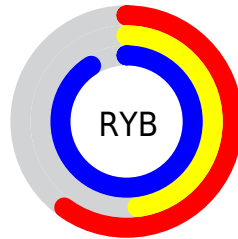
Distribution



Red (60%)

Green (48%)

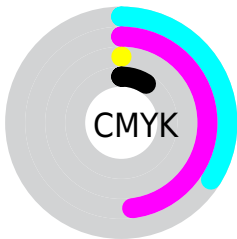
Blue (91%)



Red (60%)

Yellow (48%)

Blue (91%)

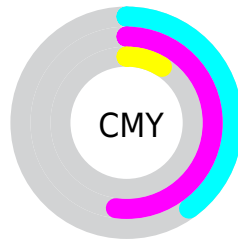


Cyan (34%)

Magenta (48%)

Yellow (0%)

Black (9%)



Cyan (40%)

Magenta (52%)

Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the RGB color 154, 122, 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 154, 122, 233 by changing the saturation by 10% instead.

 154, 122, 233

255, 255, 255

 211, 175, 255

 241, 203, 255


 255, 231, 255

 154, 122, 233

 126, 97, 204

 98, 72, 177

 71, 49, 149

 41, 26, 123


 0, 4, 98

 0, 0, 73

 0, 4, 49


 0, 1, 28


 0, 0, 0

 154, 122, 233

 154, 122, 233

 137, 99, 233

 171, 145, 233

 121, 75, 233


 187, 169, 233

 104, 52, 233

 204, 192, 233

 88, 29, 233

 220, 215, 233

 71, 6, 233

 237, 238, 233

 67, 0, 233

 253, 255, 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, 145, 253



154, 122, 233



215, 97, 189

Triad

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



154, 122, 233



205, 121, 33



0, 167, 149

Complementary

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



154, 122, 233



201, 233, 122

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, 164, 91



154, 122, 233



160, 142, 0

Square

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



154, 122, 233



234, 97, 80



102, 156, 39



0, 166, 204

Rectangle

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



154, 122, 233



235, 86, 153



102, 156, 39



0, 166, 130

Sweetspot

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



154, 122, 233



230, 219, 255



122, 202, 233



112, 106, 128



0, 0, 0



128, 128, 128

Same Dimension

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



154, 122, 233



152, 110, 255



209, 122, 233



109, 106, 117



52, 0, 181



15, 0, 54

Inverse Universe

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



233, 122, 201



255, 110, 213



146, 233, 122



117, 106, 114



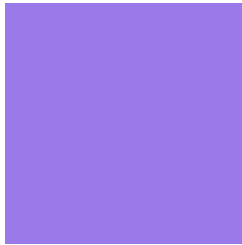
181, 0, 129



54, 0, 38

Previews

White Background



This preview shows how the RGB color 154, 122, 233 looks on a white background.

Color Contrast Check

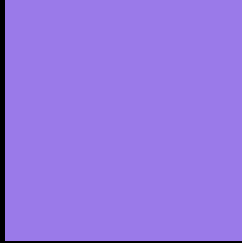
Large Text (above 18pt) WCAG AA ✓ Pass

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 154, 122, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

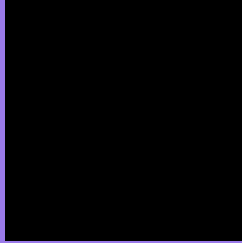
Any Text WCAG AA ✓ Pass

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 154, 122, 233 Background



This preview shows how black text looks on a background with the RGB color 154, 122, 233.

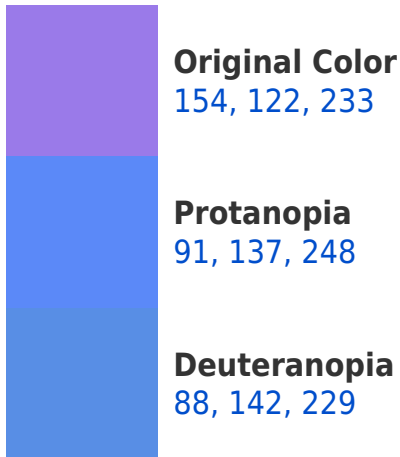


This preview shows how white text looks on a background with the RGB color 154, 122, 233.

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
137, 141, 152

Trichromacy



Original Color

154, 122, 233



Protanomaly

114, 132, 243



Deuteranomaly

112, 135, 230



Tritanomaly

143, 134, 181

Monochromacy



Original Color

154, 122, 233



Achromatopsia

144, 144, 144



Achromatomaly

148, 136, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 122, 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(154, 122, 233)` looks like.

```
.text, #text, p{  
    color:rgb(154, 122, 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(154, 122, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 122, 233) }
```

Border

The CSS property to change the border of an element to RGB 154, 122, 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(154, 122, 233) }
```

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

```
.border{ border-color:rgb(154, 122, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 122, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 122, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 122, 233);  
box-shadow:4px 4px 4px 4px rgb(154, 122,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 154, 122, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 122, 233) }
```

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

```
.background{ background-color: rgb(154,  
122, 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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