

Converting Colors

RGB(175, 153, 239)

Have a look what the booklet for
RGB(175, 153, 239) contains.

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Color

RGB(175, 153, 239)

Conversions

Conversions Part 1

Format	Color
Hex	AF99EF
RGB	175, 153, 239
RGB Percent	69%, 60%, 94%
CMY	0.3137, 0.4000, 0.0627
CMYK	0.27, 0.36, 0.00, 0.06
HSL	255°, 73%, 77%
HSV	255°, 36%, 94%
XYZ	44.6504, 38.1284, 86.6675
YIQ	169.3820, -14.4940, 31.4100

Conversions

Conversions Part 2

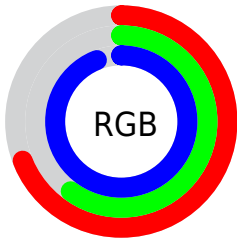
Format	Color
RYB	175, 153, 239
Decimal	11508207
CIELab	68.12, 26.12, -40.33
CIElCh	68, 48.046, 302.933
Yxy	38.1284, 0.2635, 0.2250
Android (android.graphics.Color)	4289698287 (0xFFAF99EF)
YUV	169.3820, 34.3217, 4.9270
Hunter-Lab	61.7482, 21.0148, -39.9935

Details

The RGB color **175, 153, 239** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **217, 239, 153**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **232, 207, 255**, and **120, 102, 183** is the 20% darker color. If you saturate the color by 10%, you get **157, 129, 239**, and if you desaturate by 10%, it is **193, 177, 239**.

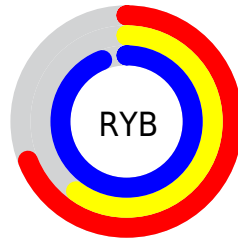
Distribution



Red (69%)

Green (60%)

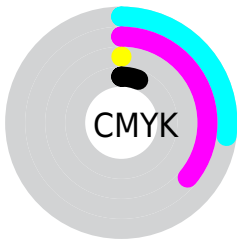
Blue (94%)



Red (69%)

Yellow (60%)

Blue (94%)

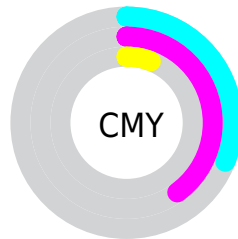


Cyan (27%)

Magenta (36%)

Yellow (0%)

Black (6%)



Cyan (31%)


Magenta (40%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 153, 239 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 175, 153, 239 by changing the saturation by 10% instead.


 175, 153, 239


255, 255, 255

 232, 207, 255

 255, 236, 255

 175, 153, 239

 147, 127, 210

 120, 102, 183

 94, 78, 155

 68, 55, 129

 42, 33, 104

 10, 12, 79

 0, 0, 56

 0, 2, 33

 0, 0, 6

■ 175, 153, 239

■ 175, 153, 239

■ 157, 129, 239

■ 193, 177, 239

■ 139, 105, 239

■ 211, 201, 239

■ 122, 81, 239

■ 228, 225, 239

■ 104, 57, 239

■ 246, 249, 239

■ 86, 33, 239

■ 255, 255, 239

■ 68, 10, 239

■ 61, 0, 239

Harmonies

Analogous

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



99, 169, 252



175, 153, 239



223, 137, 206

Triad

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



175, 153, 239



223, 149, 89



0, 188, 169

Complementary

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



175, 153, 239



217, 239, 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.



86, 185, 125



175, 153, 239



188, 165, 77

Square

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



175, 153, 239



245, 135, 121



143, 177, 91



0, 187, 212

Rectangle

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



175, 153, 239



241, 131, 178



143, 177, 91



2, 188, 154

Sweetspot

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



175, 153, 239



234, 227, 255



153, 217, 239



115, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 153, 239



173, 145, 255



217, 153, 239



111, 108, 120



47, 0, 184



14, 0, 56

Inverse Universe

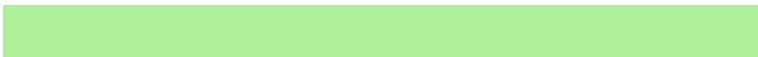
The Inverse Universe completely reimagines the original color for something new.



239, 153, 217



255, 145, 227



174, 239, 153



120, 108, 117



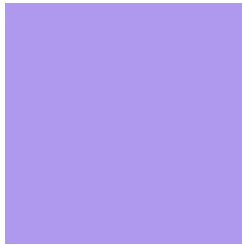
184, 0, 137



56, 0, 42

Previews

White Background



This preview shows how the RGB color 175, 153, 239 looks on a white background.

Color Contrast Check

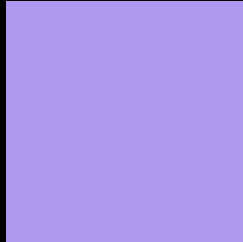
Large Text (above 18pt) WCAG AA × Fail

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 175, 153, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

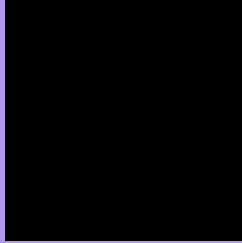
Any Text WCAG AA ✓ Pass

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 175, 153, 239 Background



This preview shows how black text looks on a background with the RGB color 175, 153, 239.

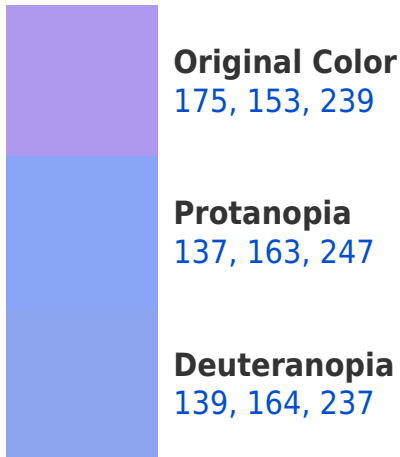



This preview shows how white text looks on a background with the RGB color 175, 153, 239.

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
163, 165, 178

Trichromacy



Original Color
175, 153, 239

Protanomaly
151, 159, 244

Deuteranomaly
152, 160, 238

Tritanomaly
167, 161, 200

Monochromacy



Original Color
175, 153, 239

Achromatopsia
169, 169, 169

Achromatomaly
171, 163, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 153, 239 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(175, 153, 239)` looks like.

```
.text, #text, p{  
    color:rgb(175, 153, 239)  
}
```

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(175, 153, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 153, 239) }
```

Border

The CSS property to change the border of an element to RGB 175, 153, 239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

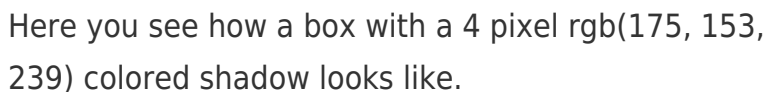
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 153, 239) }
```

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

```
.border{ border-color:rgb(175, 153, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 153, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 153, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 153, 239); box-shadow:4px 4px 4px 4px rgb(175, 153, 239) }
```

Background

The CSS property to change the background color of an element to RGB 175, 153, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 153, 239) }
```

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

```
.background{ background-color: rgb(175,  
153, 239) }
```

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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