

Converting Colors

RGB(163, 99, 247)

Have a look what the booklet for
RGB(163, 99, 247) contains.

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Color

RGB(163, 99, 247)

Conversions

Conversions Part 1

Format	Color
Hex	A363F7
RGB	163, 99, 247
RGB Percent	64%, 39%, 97%
CMY	0.3608, 0.6118, 0.0314
CMYK	0.34, 0.60, 0.00, 0.03
HSL	266°, 90%, 68%
HSV	266°, 60%, 97%
XYZ	36.3546, 23.4256, 90.6012
YIQ	135.0080, -9.3640, 59.5960

Conversions

Conversions Part 2

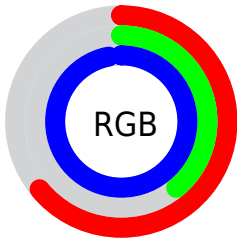
Format	Color
R _Y B	163, 99, 247
Decimal	10707959
CIE Lab	55.51, 54.72, -64.82
CIE LCh	56, 84.834, 310.170
Yxy	23.4256, 0.2417, 0.1558
Android (android.graphics.Color)	4288898039 (0xFFA363F7)
YUV	135.0080, 55.2121, 24.5490
Hunter-Lab	48.4000, 49.3763, -77.1064

Details

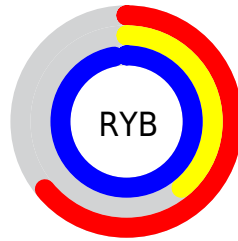
The RGB color **163, 99, 247** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **183, 247, 99**, and the grayscale version is **134, 134, 134**.

A 20% lighter version of the original color is **222, 152, 255**, and **105, 47, 190** is the 20% darker color. If you saturate the color by 10%, you get **149, 74, 247**, and if you desaturate by 10%, it is **177, 124, 247**.

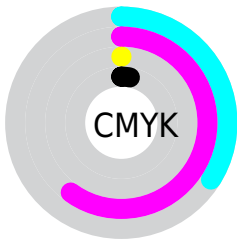
Distribution



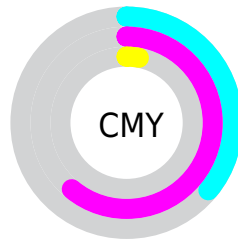
- Red (64%)
- Green (39%)
- Blue (97%)



- Red (64%)
- Yellow (39%)
- Blue (97%)



- Cyan (34%)
- Magenta (60%)
- Yellow (0%)
- Black (3%)




















- Cyan (36%)
- Magenta (61%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 99, 247 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 163, 99, 247 by changing the saturation by 10% instead.


 163, 99, 247	 163, 99, 247
 255, 255, 255	 134, 73, 218
 222, 152, 255	 105, 47, 190
 252, 180, 255	 76, 19, 162
 255, 208, 255	 44, 0, 135
 255, 237, 255	 0, 0, 109
	 0, 0, 84
	 0, 6, 59
	 0, 2, 37
	 0, 1, 13


 163, 99, 247


 163, 99, 247

 149, 74, 247

 177, 124, 247

 135, 50, 247

 191, 148, 247

 121, 25, 247

 205, 173, 247

 107, 0, 247

 219, 198, 247

 107, 0, 247

 233, 223, 247

 247, 247, 247

 255, 255, 247

Harmonies

Analogous

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



0, 135, 255



163, 99, 247



236, 47, 185

Triad

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



163, 99, 247



200, 111, 0



0, 164, 157

Complementary

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



163, 99, 247



183, 247, 99

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, 161, 79



163, 99, 247



139, 138, 0

Square

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



163, 99, 247



243, 69, 39



46, 153, 0



0, 163, 227

Rectangle

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



163, 99, 247



255, 8, 136



46, 153, 0



0, 163, 131

Sweetspot

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



163, 99, 247



229, 209, 255



99, 185, 247



112, 99, 128



0, 0, 0



128, 128, 128

Same Dimension

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



163, 99, 247



151, 71, 255



235, 99, 247



115, 110, 122



80, 0, 186



25, 0, 59

Inverse Universe

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



247, 99, 183



255, 71, 176



111, 247, 99



122, 110, 117



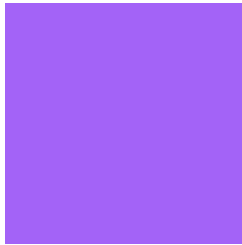
186, 0, 106



59, 0, 33

Previews

White Background



This preview shows how the RGB color 163, 99, 247 looks on a white background.

Color Contrast Check

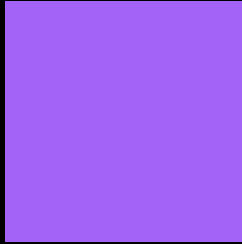
Large Text (above 18pt) WCAG AA ✓ Pass

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 163, 99, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

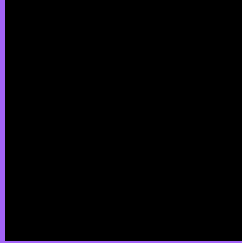
Any Text WCAG AA ✓ Pass

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 163, 99, 247 Background



This preview shows how black text looks on a background with the RGB color 163, 99, 247.

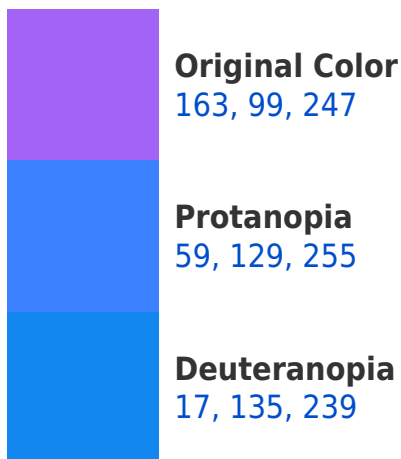


This preview shows how white text looks on a background with the RGB color 163, 99, 247.

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, 129, 139

Trichromacy



Original Color
163, 99, 247



Protanomaly
97, 118, 252



Deuteranomaly
70, 122, 242



Tritanomaly
149, 118, 178

Monochromacy



Original Color
163, 99, 247



Achromatopsia
135, 135, 135



Achromatomaly
145, 122, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 99, 247 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(163, 99, 247)` looks like.

```
.text, #text, p{  
    color:rgb(163, 99, 247)  
}
```

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(163, 99, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 99, 247) }
```

Border

The CSS property to change the border of an element to RGB 163, 99, 247 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(163, 99, 247) }
```

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

```
.border{ border-color:rgb(163, 99, 247) }
```

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

Here you see how a box with a 4 pixel rgb(163, 99, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 99, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 99, 247);  
box-shadow:4px 4px 4px 4px rgb(163, 99,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 163, 99, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 99, 247) }
```

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

```
.background{ background-color: rgb(163, 99,  
247) }
```

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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