

Converting Colors

RGB(163, 129, 205)

Have a look what the booklet for
RGB(163, 129, 205) contains.

RGB(163, 129, 205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(163, 129, 205)

Conversions

Conversions Part 1

Format	Color
Hex	A381CD
RGB	163, 129, 205
RGB Percent	64%, 51%, 80%
CMY	0.3608, 0.4941, 0.1961
CMYK	0.20, 0.37, 0.00, 0.20
HSL	267°, 43%, 65%
HSV	267°, 37%, 80%
XYZ	33.9740, 27.8948, 61.3512
YIQ	147.8300, -4.1320, 30.8440

Conversions

Conversions Part 2

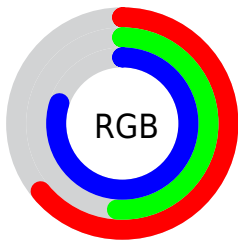
Format	Color
RYB	163, 129, 205
Decimal	10715597
CIELab	59.79, 28.15, -34.51
CIELCh	60, 44.536, 309.202
Yxy	27.8948, 0.2757, 0.2264
Android (android.graphics.Color)	4288905677 (0xFFA381CD)
YUV	147.8300, 28.1848, 13.3041
Hunter-Lab	52.8155, 22.3941, -31.9011

Details

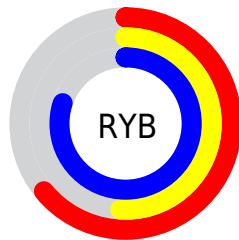
The RGB color **163, 129, 205** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **171, 205, 129**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **219, 182, 255**, and **110, 79, 150** is the 20% darker color. If you saturate the color by 10%, you get **152, 109, 205**, and if you desaturate by 10%, it is **174, 150, 205**.

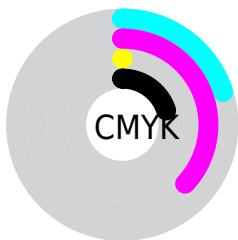
Distribution



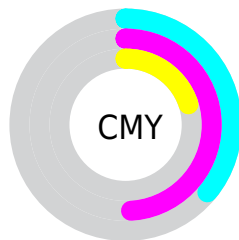
- Red (64%)
- Green (51%)
- Blue (80%)



- Red (64%)
- Yellow (51%)
- Blue (80%)



- Cyan (20%)
- Magenta (37%)
- Yellow (0%)
- Black (20%)



- Cyan (36%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 129, 205 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, 129, 205 by changing the saturation by 10% instead.

 163, 129, 205

255, 255, 255

 219, 182, 255

 248, 210, 255

 255, 238, 255

 163, 129, 205

 136, 104, 177


 110, 79, 150

 84, 56, 124

 59, 33, 99

 34, 11, 75

 17, 0, 52


 0, 2, 30


 0, 0, 0

 163, 129, 205

 163, 129, 205

 152, 109, 205

 174, 150, 205

 140, 88, 205


 186, 170, 205

 129, 68, 205


 197, 191, 205


 118, 47, 205

 208, 211, 205

 106, 27, 205

 220, 232, 205

 95, 6, 205

 231, 252, 205

 92, 0, 205

 242, 255, 205

 254, 255, 205

 255, 255, 205

Harmonies

Analogous

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



100, 144, 221



163, 129, 205



202, 115, 173

Triad

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



163, 129, 205



190, 132, 70



0, 164, 155

Complementary

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



163, 129, 205



171, 205, 129

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.



56, 162, 115



163, 129, 205



156, 146, 64

Square

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



163, 129, 205



212, 118, 96



113, 156, 81



0, 162, 192

Rectangle

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



163, 129, 205



215, 111, 147



113, 156, 81



0, 164, 142

Sweetspot

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



163, 129, 205



239, 227, 255



129, 172, 205



118, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



163, 129, 205



193, 143, 255



200, 129, 205



96, 92, 102



74, 0, 166



17, 0, 38

Inverse Universe

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



205, 129, 171



255, 143, 205



134, 205, 129



102, 92, 97



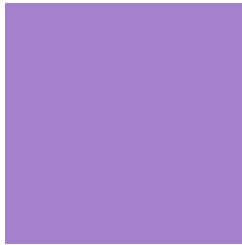
166, 0, 92



38, 0, 21

Previews

White Background



This preview shows how the RGB color 163, 129, 205 looks on a white background.

Color Contrast Check

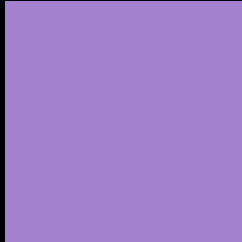
Large Text (above 18pt) WCAG AA ✓ Pass

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, 129, 205 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, 129, 205 Background



This preview shows how black text looks on a background with the RGB color 163, 129, 205.

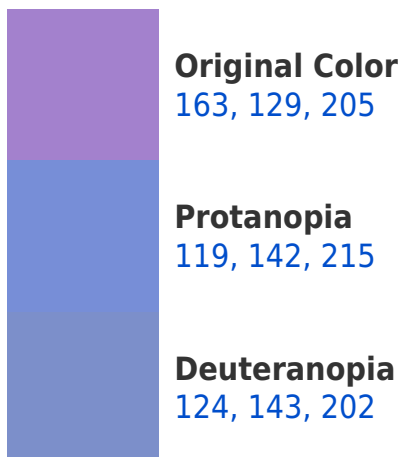



This preview shows how white text looks on a background with the RGB color 163, 129, 205.

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
154, 140, 151

Trichromacy



Original Color
163, 129, 205

Protanomaly
135, 137, 211

Deuteranomaly
138, 138, 203

Tritanomaly
157, 136, 171

Monochromacy



Original Color
163, 129, 205

Achromatopsia
148, 148, 148

Achromatomaly
153, 141, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 129, 205 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, 129, 205)` looks like.

```
.text, #text, p{  
    color:rgb(163, 129, 205)  
}
```

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, 129, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 129, 205) }
```

Border

The CSS property to change the border of an element to RGB 163, 129, 205 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, 129, 205) }
```

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

```
.border{ border-color:rgb(163, 129, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 129, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 129, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 129, 205);  
box-shadow:4px 4px 4px 4px rgb(163, 129,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 163, 129, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 129, 205) }
```

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

```
.background{ background-color: rgb(163,  
129, 205) }
```

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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