

# Converting Colors

RGB(163, 132, 214)

Have a look what the booklet for  
RGB(163, 132, 214) contains.

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# Color

**RGB(163, 132, 214)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A384D6
RGB	163, 132, 214
RGB Percent	64%, 52%, 84%
CMY	0.3608, 0.4824, 0.1608
CMYK	0.24, 0.38, 0.00, 0.16
HSL	263°, 50%, 68%
HSV	263°, 38%, 84%
XYZ	35.4931, 29.1441, 67.3730
YIQ	150.6170, -7.8460, 32.0740

# Conversions

## Conversions Part 2

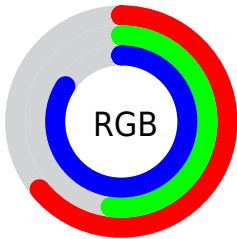
Format	Color
R <sub>Y</sub> B	163, 132, 214
Decimal	10716374
CIE Lab	60.91, 28.56, -37.83
CIE LCh	61, 47.394, 307.049
Yxy	29.1441, 0.2689, 0.2208
Android (android.graphics.Color)	4288906454 (0xFFA384D6)
YUV	150.6170, 31.2478, 10.8599
Hunter-Lab	53.9853, 22.8823, -36.2036

# Details

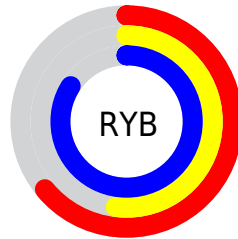
The RGB color **163, 132, 214** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **183, 214, 132**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **219, 185, 255**, and **109, 82, 159** is the 20% darker color. If you saturate the color by 10%, you get **150, 111, 214**, and if you desaturate by 10%, it is **176, 153, 214**.

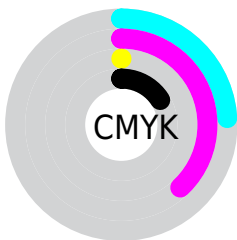
# Distribution



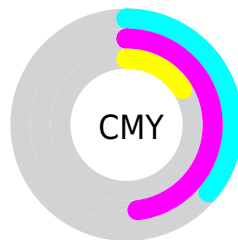
- Red (64%)
- Green (52%)
- Blue (84%)



- Red (64%)
- Yellow (52%)
- Blue (84%)



- Cyan (24%)
- Magenta (38%)
- Yellow (0%)
- Black (16%)



- Cyan (36%)
- Magenta (48%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 163, 132, 214 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, 132, 214 by changing the saturation by 10% instead.



 163, 132, 214


255, 255, 255

 219, 185, 255

 248, 213, 255

 255, 242, 255

 163, 132, 214

 136, 107, 186

 109, 82, 159

 84, 58, 132

 58, 36, 107

 32, 14, 82

 12, 0, 59


 0, 2, 36


 0, 0, 12

 0, 0, 0


 163, 132, 214


 163, 132, 214

 150, 111, 214

 176, 153, 214

 136, 89, 214

 190, 175, 214

 123, 68, 214

 203, 196, 214

 110, 46, 214


 216, 218, 214

 96, 25, 214

 230, 239, 214

 83, 4, 214

 243, 255, 214

 81, 0, 214

 255, 255, 214

# Harmonies

## Analogous

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



91, 148, 230



163, 132, 214



206, 117, 180

# Triad

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



163, 132, 214



197, 133, 69



0, 168, 156

# Complementary

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



163, 132, 214



183, 214, 132

# 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, 166, 113



163, 132, 214



162, 148, 60

# Square

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



163, 132, 214



220, 118, 99



117, 159, 77



0, 166, 196

# Rectangle

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



163, 132, 214



221, 111, 153



117, 159, 77



0, 168, 141



# Sweetspot

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



163, 132, 214



238, 227, 255



132, 184, 214



117, 111, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



163, 132, 214



182, 138, 255



203, 132, 214



100, 96, 107



65, 0, 171



16, 0, 43



# Inverse Universe

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



214, 132, 183



255, 138, 211



143, 214, 132



107, 96, 103



171, 0, 106

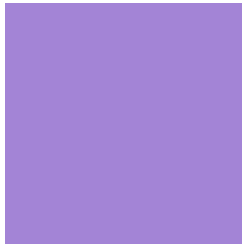


43, 0, 27



# Previews

## White Background



This preview shows how the RGB color 163, 132, 214 looks on a white background.

## Color Contrast Check

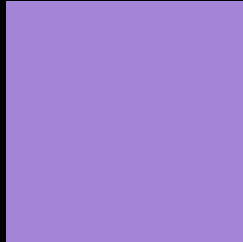
Large Text (above 18pt) WCAG AA ✓ Pass

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, 132, 214 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

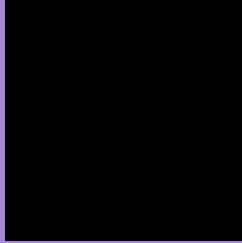
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## RGB 163, 132, 214 Background



This preview shows how black text looks on a background with the RGB color 163, 132, 214.

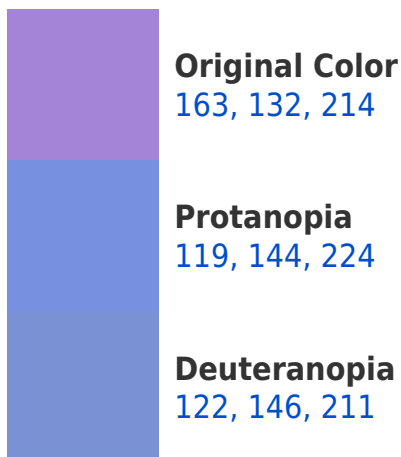



This preview shows how white text looks on a background with the RGB color 163, 132, 214.

# 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

152, 144, 156

# Trichromacy



**Original Color**  
163, 132, 214

**Protanomaly**  
135, 140, 220

**Deuteranomaly**  
137, 141, 212

**Tritanomaly**  
156, 140, 177

# Monochromacy



**Original Color**  
163, 132, 214

**Achromatopsia**  
151, 151, 151

**Achromatomaly**  
155, 144, 174

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 163, 132, 214 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, 132, 214)` looks like.

```
.text, #text, p{  
    color:rgb(163, 132, 214)  
}
```

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, 132, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 132, 214) }
```

## Border

The CSS property to change the border of an element to RGB 163, 132, 214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

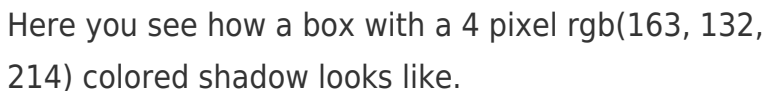
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 132, 214) }
```

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

```
.border{ border-color:rgb(163, 132, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 132, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 132, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 132, 214);  
box-shadow:4px 4px 4px 4px rgb(163, 132,  
214) }
```

# Background

The CSS property to change the background color of an element to RGB 163, 132, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 132, 214) }
```

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

```
.background{ background-color: rgb(163,  
132, 214) }
```

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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