

Converting Colors

RGB(166, 151, 218)

Have a look what the booklet for
RGB(166, 151, 218) contains.

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Color

RGB(166, 151, 218)

Conversions

Conversions Part 1

Format	Color
Hex	A697DA
RGB	166, 151, 218
RGB Percent	65%, 59%, 85%
CMY	0.3490, 0.4078, 0.1451
CMYK	0.24, 0.31, 0.00, 0.15
HSL	253°, 48%, 72%
HSV	253°, 31%, 85%
XYZ	39.4474, 35.3022, 71.0646
YIQ	163.1230, -12.5670, 24.0170

Conversions

Conversions Part 2

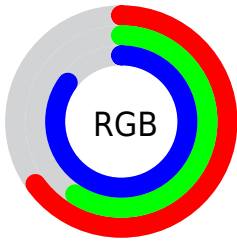
Format	Color
RYB	166, 151, 218
Decimal	10917850
CIELab	65.98, 19.58, -32.13
CIELCh	66, 37.632, 301.361
Yxy	35.3022, 0.2705, 0.2421
Android (android.graphics.Color)	4289107930 (0xFFA697DA)
YUV	163.1230, 27.0544, 2.5231
Hunter-Lab	59.4156, 14.5329, -29.3234

Details

The RGB color **166, 151, 218** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **203, 218, 151**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **222, 205, 255**, and **113, 100, 163** is the 20% darker color. If you saturate the color by 10%, you get **149, 129, 218**, and if you desaturate by 10%, it is **183, 173, 218**.

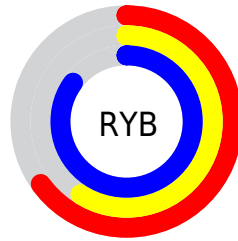
Distribution



Red (65%)

Green (59%)

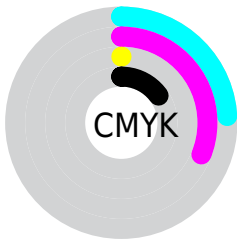
Blue (85%)



Red (65%)

Yellow (59%)

Blue (85%)

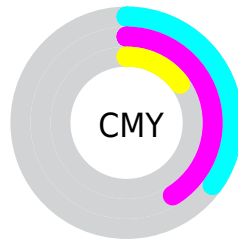


Cyan (24%)

Magenta (31%)

Yellow (0%)

Black (15%)



Cyan (35%)

Magenta (41%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 151, 218 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 166, 151, 218 by changing the saturation by 10% instead.

 166, 151, 218

255, 255, 255

 222, 205, 255

 251, 233, 255

 166, 151, 218


 139, 125, 190

 113, 100, 163

 87, 76, 136

 62, 53, 111

 37, 32, 86

 11, 11, 62

 0, 1, 40

 0, 1, 18


 0, 0, 0


 166, 151, 218

 166, 151, 218

 149, 129, 218

 183, 173, 218

 132, 107, 218

 200, 195, 218


 115, 86, 218

 217, 216, 218

 98, 64, 218

 234, 238, 218

 81, 42, 218

 251, 255, 218

 64, 20, 218

 255, 255, 218

 49, 0, 218

Harmonies

Analogous

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



113, 163, 227



166, 151, 218



204, 139, 193

Triad

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



166, 151, 218



208, 147, 102



55, 178, 161

Complementary

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



166, 151, 218



203, 218, 151

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.



105, 175, 127



166, 151, 218



181, 159, 92

Square

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



166, 151, 218



224, 137, 127



146, 169, 101



0, 177, 194

Rectangle

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



166, 151, 218



219, 135, 172



146, 169, 101



73, 178, 149

Sweetspot

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



166, 151, 218



237, 232, 255



151, 203, 218



117, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



166, 151, 218



182, 161, 255



199, 151, 218



101, 99, 110



39, 0, 173



10, 0, 46

Inverse Universe

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



218, 151, 203



255, 161, 234



170, 218, 151



110, 99, 107



173, 0, 135



46, 0, 36

Previews

White Background



This preview shows how the RGB color 166, 151, 218 looks on a white background.

Color Contrast Check

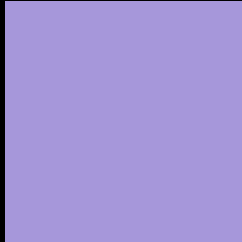
Large Text (above 18pt) WCAG AA × Fail

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 166, 151, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

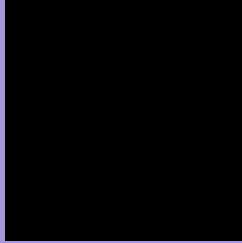
Any Text WCAG AA ✓ Pass

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 166, 151, 218 Background



This preview shows how black text looks on a background with the RGB color 166, 151, 218.



This preview shows how white text looks on a background with the RGB color 166, 151, 218.

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



Original Color
166, 151, 218

Protanopia
140, 158, 223

Deuteranopia
144, 158, 217



Tritanopia

157, 160, 172

Trichromacy



Original Color
166, 151, 218

Protanomaly
149, 155, 221

Deuteranomaly
152, 155, 217

Tritanomaly
160, 157, 189

Monochromacy



Original Color
166, 151, 218

Achromatopsia
163, 163, 163

Achromatomaly
164, 159, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 151, 218 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(166, 151, 218)` looks like.

```
.text, #text, p{  
    color:rgb(166, 151, 218)  
}
```

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(166, 151, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 151, 218) }
```

Border

The CSS property to change the border of an element to RGB 166, 151, 218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

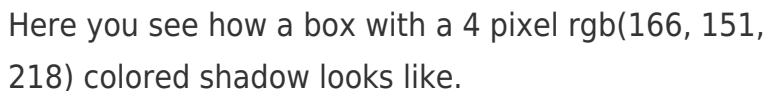
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 151, 218) }
```

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

```
.border{ border-color:rgb(166, 151, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 151, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 151, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 151, 218); box-shadow:4px 4px 4px 4px rgb(166, 151, 218) }
```

Background

The CSS property to change the background color of an element to RGB 166, 151, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 151, 218) }
```

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

```
.background{ background-color: rgb(166,  
151, 218) }
```

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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