

Converting Colors

RGB(181, 162, 235)

Have a look what the booklet for
RGB(181, 162, 235) contains.

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Color

RGB(181, 162, 235)

Conversions

Conversions Part 1

Format	Color
Hex	B5A2EB
RGB	181, 162, 235
RGB Percent	71%, 64%, 92%
CMY	0.2902, 0.3647, 0.0784
CMYK	0.23, 0.31, 0.00, 0.08
HSL	256°, 65%, 78%
HSV	256°, 31%, 92%
XYZ	46.9718, 41.6626, 84.1633
YIQ	176.0030, -12.1090, 26.7310

Conversions

Conversions Part 2

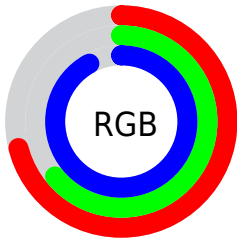
Format	Color
R _{YB}	181, 162, 235
Decimal	11903723
CIE Lab	70.64, 21.87, -34.17
CIE LCh	71, 40.572, 302.619
Yxy	41.6626, 0.2718, 0.2411
Android (android.graphics.Color)	4290093803 (0xFFB5A2EB)
YUV	176.0030, 29.0855, 4.3824
Hunter-Lab	64.5466, 16.9415, -32.1266

Details

The RGB color **181, 162, 235** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **216, 235, 162**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **238, 217, 255**, and **127, 110, 179** is the 20% darker color. If you saturate the color by 10%, you get **164, 139, 235**, and if you desaturate by 10%, it is **198, 186, 235**.

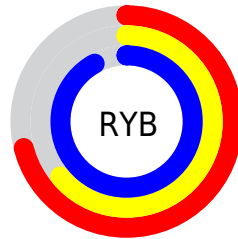
Distribution



Red (71%)

Green (64%)

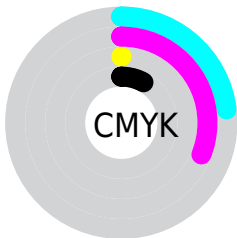
Blue (92%)



Red (71%)

Yellow (64%)

Blue (92%)

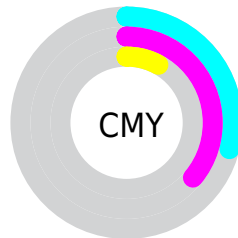


Cyan (23%)

Magenta (31%)

Yellow (0%)

Black (8%)



Cyan (29%)


Magenta (36%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 162, 235 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 181, 162, 235 by changing the saturation by 10% instead.

 181, 162, 235

255, 255, 255


 238, 217, 255

 255, 245, 255

 181, 162, 235

 154, 136, 207

 127, 110, 179

 101, 86, 152

 75, 62, 126


 50, 40, 100


 25, 20, 76


 5, 0, 53

 0, 2, 31


 0, 0, 2

 181, 162, 235

 181, 162, 235

 164, 139, 235


 198, 186, 235

 146, 115, 235

 216, 209, 235

 129, 92, 235

 233, 233, 235


 111, 68, 235

 251, 255, 235

 94, 45, 235

 255, 255, 235

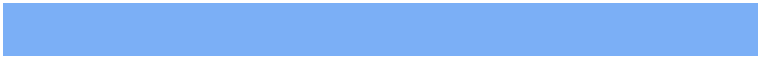
 77, 21, 235

 61, 0, 235

Harmonies

Analogous

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



123, 175, 246



181, 162, 235



222, 149, 207

Triad

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



181, 162, 235



224, 159, 108



52, 192, 175

Complementary

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



181, 162, 235



216, 235, 162

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.



110, 189, 138



181, 162, 235



193, 172, 98

Square

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



181, 162, 235



242, 148, 135



155, 182, 109



0, 191, 211

Rectangle

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



181, 162, 235



238, 144, 184



155, 182, 109



74, 192, 162

Sweetspot

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



181, 162, 235



238, 232, 255



162, 217, 235



117, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



181, 162, 235



185, 161, 255



217, 162, 235



109, 106, 117



47, 0, 181



14, 0, 54

Inverse Universe

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



235, 162, 216



255, 161, 230



180, 235, 162



117, 106, 114



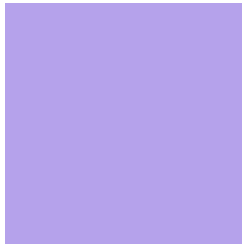
181, 0, 134



54, 0, 40

Previews

White Background



This preview shows how the RGB color 181, 162, 235 looks on a white background.

Color Contrast Check

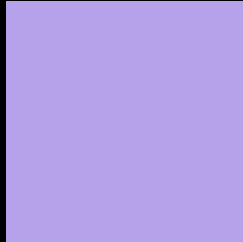
Large Text (above 18pt) WCAG AA × Fail

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 181, 162, 235 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 181, 162, 235 Background



This preview shows how black text looks on a background with the RGB color 181, 162, 235.



This preview shows how white text looks on a background with the RGB color 181, 162, 235.

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
181, 162, 235

Protanopia
151, 170, 241

Deuteranopia
156, 170, 233



Tritanopia

172, 172, 185

Trichromacy



Original Color
181, 162, 235

Protanomaly
162, 167, 239

Deuteranomaly
165, 167, 234

Tritanomaly
175, 168, 203

Monochromacy



Original Color
181, 162, 235

Achromatopsia
176, 176, 176

Achromatomaly
178, 171, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 162, 235 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(181, 162, 235)` looks like.

```
.text, #text, p{  
    color:rgb(181, 162, 235)  
}
```

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(181, 162, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 162, 235) }
```

Border

The CSS property to change the border of an element to RGB 181, 162, 235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

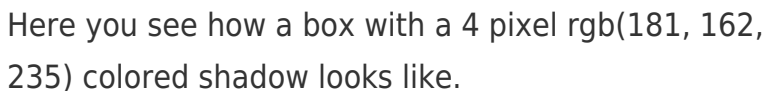
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 162, 235) }
```

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

```
.border{ border-color:rgb(181, 162, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 162, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 162, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 162, 235); box-shadow:4px 4px 4px 4px rgb(181, 162, 235) }
```

Background

The CSS property to change the background color of an element to RGB 181, 162, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 162, 235) }
```

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

```
.background{ background-color: rgb(181,  
162, 235) }
```

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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