

Converting Colors

RGB(163, 164, 226)

Have a look what the booklet for
RGB(163, 164, 226) contains.

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Color

RGB(163, 164, 226)

Conversions

Conversions Part 1

Format	Color
Hex	A3A4E2
RGB	163, 164, 226
RGB Percent	64%, 64%, 89%
CMY	0.3608, 0.3569, 0.1137
CMYK	0.28, 0.27, 0.00, 0.11
HSL	239°, 52%, 76%
HSV	239°, 28%, 89%
XYZ	42.1072, 39.8284, 77.4199
YIQ	170.7690, -20.4980, 19.0700

Conversions

Conversions Part 2

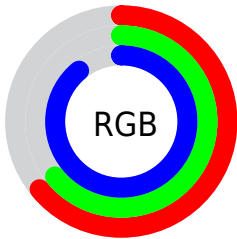
Format	Color
RYB	163, 164, 226
Decimal	10724578
CIELab	69.35, 13.29, -31.36
CIElCh	69, 34.057, 292.961
Yxy	39.8284, 0.2642, 0.2499
Android (android.graphics.Color)	4288914658 (0xFFA3A4E2)
YUV	170.7690, 27.2289, -6.8134
Hunter-Lab	63.1098, 8.6541, -28.5571

Details

The RGB color **163, 164, 226** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **226, 225, 163**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **219, 219, 255**, and **110, 112, 170** is the 20% darker color. If you saturate the color by 10%, you get **140, 142, 226**, and if you desaturate by 10%, it is **186, 186, 226**.

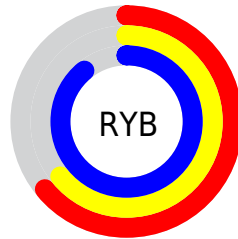
Distribution



Red (64%)

Green (64%)

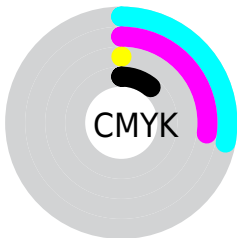
Blue (89%)



Red (64%)

Yellow (64%)

Blue (89%)

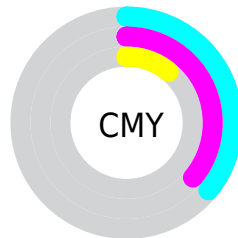


Cyan (28%)

Magenta (27%)

Yellow (0%)

Black (11%)



Cyan (36%)


Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 164, 226 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, 164, 226 by changing the saturation by 10% instead.

 163, 164, 226


255, 255, 255

 219, 219, 255

 248, 247, 255

 163, 164, 226

 136, 138, 198

 110, 112, 170

 84, 88, 144

 59, 65, 118

 33, 43, 93

 2, 23, 69

 0, 0, 47

 0, 1, 25

 0, 0, 0

■ 163, 164, 226

■ 163, 164, 226

■ 140, 142, 226

■ 186, 186, 226

■ 118, 120, 226

■ 208, 208, 226

■ 95, 97, 226

■ 231, 231, 226

■ 73, 75, 226

■ 253, 253, 226

■ 50, 53, 226

■ 255, 255, 226

■ 27, 31, 226

■ 5, 8, 226

■ 0, 4, 226

Harmonies

Analogous

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



115, 175, 230



163, 164, 226



201, 153, 207

Triad

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



163, 164, 226



220, 154, 121



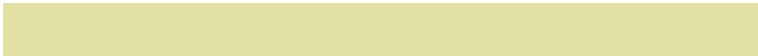
92, 186, 161

Complementary

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



163, 164, 226



226, 225, 163

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.



130, 182, 131



163, 164, 226



197, 165, 108

Square

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



163, 164, 226



230, 147, 147



166, 175, 112



61, 186, 192

Rectangle

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



163, 164, 226



219, 148, 188



166, 175, 112



105, 185, 150

Sweetspot

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



163, 164, 226



235, 235, 255



163, 226, 225



115, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



163, 164, 226



171, 172, 255



193, 163, 226



101, 101, 112



0, 3, 176



0, 1, 48

Inverse Universe

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



226, 163, 164



255, 171, 172



196, 226, 163



112, 101, 101



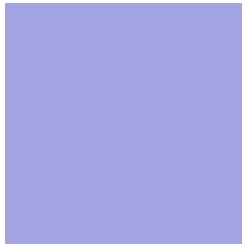
176, 0, 3



48, 0, 1

Previews

White Background



This preview shows how the RGB color 163, 164, 226 looks on a white background.

Color Contrast Check

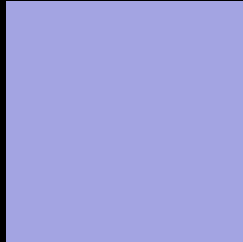
Large Text (above 18pt) WCAG AA × Fail

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 163, 164, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

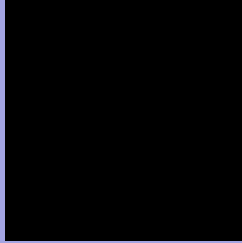
Any Text WCAG AA ✓ Pass

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 163, 164, 226 Background



This preview shows how black text looks on a background with the RGB color 163, 164, 226.



This preview shows how white text looks on a background with the RGB color 163, 164, 226.

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
163, 164, 226

Protanopia
152, 167, 228

Deuteranopia
155, 167, 225



Tritanopia
155, 172, 185

Trichromacy



Original Color
163, 164, 226

Protanomaly
156, 166, 227

Deuteranomaly
158, 166, 225

Tritanomaly
158, 169, 200

Monochromacy



Original Color
163, 164, 226

Achromatopsia
171, 171, 171

Achromatomaly
168, 168, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 164, 226 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, 164, 226)` looks like.

```
.text, #text, p{  
    color:rgb(163, 164, 226)  
}
```

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, 164, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 164, 226) }
```

Border

The CSS property to change the border of an element to RGB 163, 164, 226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

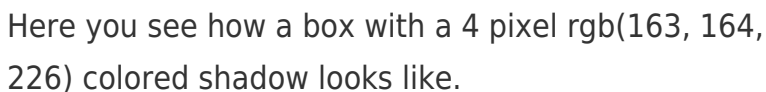
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 164, 226) }
```

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

```
.border{ border-color:rgb(163, 164, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 164, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 164, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 164, 226); box-shadow:4px 4px 4px 4px rgb(163, 164, 226) }
```

Background

The CSS property to change the background color of an element to RGB 163, 164, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 164, 226) }
```

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

```
.background{ background-color: rgb(163,  
164, 226) }
```

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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