

Converting Colors

RGB(163, 141, 238)

Have a look what the booklet for
RGB(163, 141, 238) contains.

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Color

RGB(163, 141, 238)

Conversions

Conversions Part 1

Format	Color
Hex	A38DEE
RGB	163, 141, 238
RGB Percent	64%, 55%, 93%
CMY	0.3608, 0.4471, 0.0667
CMYK	0.32, 0.41, 0.00, 0.07
HSL	254°, 74%, 74%
HSV	254°, 41%, 93%
XYZ	40.0618, 33.0093, 85.1489
YIQ	158.6360, -18.0250, 34.8310

Conversions

Conversions Part 2

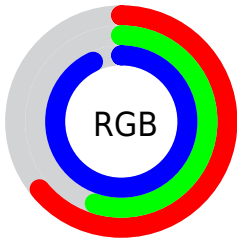
Format	Color
R _Y B	163, 141, 238
Decimal	10718702
CIE Lab	64.17, 29.33, -46.04
CIE LCh	64, 54.591, 302.502
Yxy	33.0093, 0.2532, 0.2086
Android (android.graphics.Color)	4288908782 (0xFFA38DEE)
YUV	158.6360, 39.1265, 3.8272
Hunter-Lab	57.4537, 23.9217, -47.6527

Details

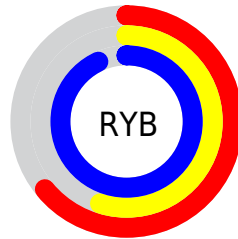
The RGB color **163, 141, 238** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **216, 238, 141**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **220, 195, 255**, and **108, 91, 182** is the 20% darker color. If you saturate the color by 10%, you get **145, 117, 238**, and if you desaturate by 10%, it is **181, 165, 238**.

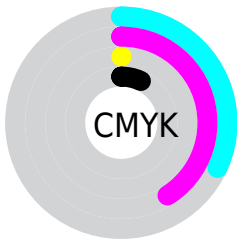
Distribution



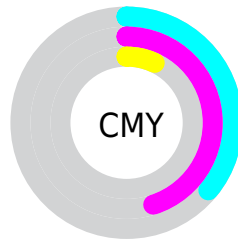
- Red (64%)
- Green (55%)
- Blue (93%)



- Red (64%)
- Yellow (55%)
- Blue (93%)



- Cyan (32%)
- Magenta (41%)
- Yellow (0%)
- Black (7%)



- Cyan (36%)
- Magenta (45%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 141, 238 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, 141, 238 by changing the saturation by 10% instead.

 163, 141, 238

255, 255, 255

 220, 195, 255


 249, 223, 255

 255, 252, 255

 163, 141, 238

 135, 115, 209

 108, 91, 182

 81, 67, 154

 54, 44, 128

 23, 23, 102

 0, 0, 78

 0, 2, 54

 0, 2, 32

 0, 0, 4

■ 163, 141, 238

■ 163, 141, 238

■ 145, 117, 238

■ 181, 165, 238

■ 126, 93, 238

■ 200, 189, 238

■ 108, 70, 238

■ 218, 212, 238

■ 89, 46, 238

■ 237, 236, 238

■ 71, 22, 238

■ 255, 255, 238

■ 54, 0, 238

Harmonies

Analogous

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



59, 160, 253



163, 141, 238



218, 122, 201

Triad

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



163, 141, 238



218, 136, 68



0, 179, 158

Complementary

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



163, 141, 238



216, 238, 141

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.



57, 176, 108



163, 141, 238



179, 154, 52

Square

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



163, 141, 238



242, 119, 106



129, 168, 69



0, 178, 207

Rectangle

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



163, 141, 238



238, 113, 170



129, 168, 69



0, 179, 141

Sweetspot

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



163, 141, 238



231, 224, 255



141, 217, 238



114, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



163, 141, 238



158, 130, 255



211, 141, 238



111, 108, 120



42, 0, 184



13, 0, 56

Inverse Universe

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



238, 141, 216



255, 130, 227



168, 238, 141



120, 108, 117



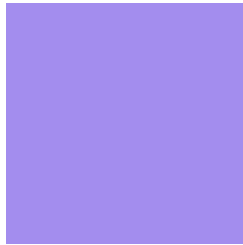
184, 0, 142



56, 0, 43

Previews

White Background



This preview shows how the RGB color 163, 141, 238 looks on a white background.

Color Contrast Check

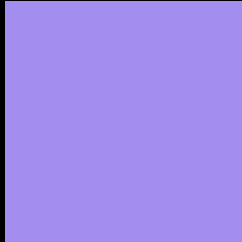
Large Text (above 18pt) WCAG AA × Fail

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, 141, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

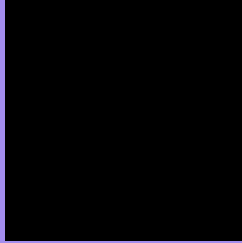
Any Text WCAG AA ✓ Pass

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, 141, 238 Background



This preview shows how black text looks on a background with the RGB color 163, 141, 238.

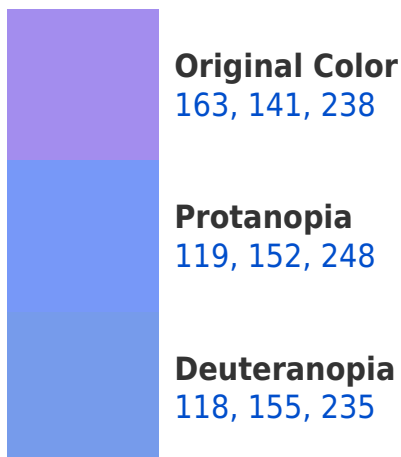


This preview shows how white text looks on a background with the RGB color 163, 141, 238.

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
149, 156, 168

Trichromacy



Original Color
163, 141, 238

Protanomaly
135, 148, 244

Deuteranomaly
134, 150, 236

Tritanomaly
154, 151, 193

Monochromacy



Original Color
163, 141, 238

Achromatopsia
159, 159, 159

Achromatomaly
160, 152, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 141, 238 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, 141, 238)` looks like.

```
.text, #text, p{  
    color:rgb(163, 141, 238)  
}
```

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, 141, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 141, 238) }
```

Border

The CSS property to change the border of an element to RGB 163, 141, 238 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, 141, 238) }
```

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

```
.border{ border-color:rgb(163, 141, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 141, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 141, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 141, 238);  
box-shadow:4px 4px 4px 4px rgb(163, 141,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 163, 141, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 141, 238) }
```

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

```
.background{ background-color: rgb(163,  
141, 238) }
```

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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