

Converting Colors

RGB(137, 163, 231)

Have a look what the booklet for
RGB(137, 163, 231) contains.

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Color

RGB(137, 163, 231)

Conversions

Conversions Part 1

Format	Color
Hex	89A3E7
RGB	137, 163, 231
RGB Percent	54%, 64%, 91%
CMY	0.4627, 0.3608, 0.0941
CMYK	0.41, 0.29, 0.00, 0.09
HSL	223°, 66%, 72%
HSV	223°, 41%, 91%
XYZ	37.8375, 37.2823, 80.8033
YIQ	162.9780, -37.3240, 15.6360

Conversions

Conversions Part 2

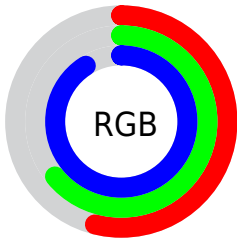
Format	Color
RYB	137, 157, 231
Decimal	9020391
CIELab	67.49, 7.95, -37.13
CIELCh	67, 37.970, 282.091
Yxy	37.2823, 0.2427, 0.2391
Android (android.graphics.Color)	4287210471 (0xFF89A3E7)
YUV	162.9780, 33.5348, -22.7827
Hunter-Lab	61.0592, 3.7603, -35.7205

Details

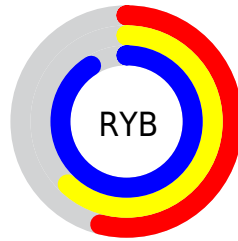
The RGB color **137, 163, 231** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **231, 205, 137**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **193, 218, 255**, and **82, 112, 175** is the 20% darker color. If you saturate the color by 10%, you get **114, 146, 231**, and if you desaturate by 10%, it is **160, 180, 231**.

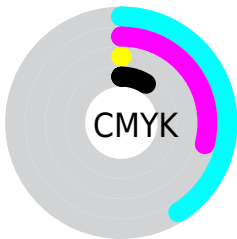
Distribution



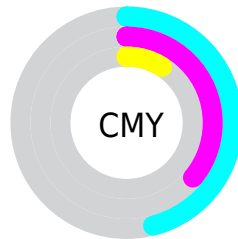
- Red (54%)
- Green (64%)
- Blue (91%)



- Red (54%)
- Yellow (62%)
- Blue (91%)



- Cyan (41%)
- Magenta (29%)
- Yellow (0%)
- Black (9%)




- Cyan (46%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the RGB color 137, 163, 231 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 137, 163, 231 by changing the saturation by 10% instead.


 137, 163, 231

 137, 163, 231

255, 255, 255

 109, 137, 203

 193, 218, 255

 82, 112, 175

 222, 246, 255

 54, 87, 148

 252, 255, 255

 20, 64, 122

 0, 43, 97

 0, 23, 73

 0, 4, 50

 0, 1, 28

 0, 0, 0

■ 137, 163, 231

■ 137, 163, 231

■ 114, 146, 231

■ 160, 180, 231

■ 91, 130, 231

■ 183, 196, 231

■ 68, 113, 231

■ 206, 213, 231

■ 45, 96, 231

■ 229, 230, 231

■ 22, 79, 231

■ 253, 247, 231

■ 0, 64, 231

■ 255, 255, 231

Harmonies

Analogous

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



75, 174, 229



137, 163, 231



186, 150, 215

Triad

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



137, 163, 231



225, 144, 120



92, 181, 142

Complementary

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



137, 163, 231



231, 205, 137

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.



135, 176, 112



137, 163, 231



204, 155, 99

Square

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



137, 163, 231



231, 138, 152



173, 167, 96



36, 183, 177

Rectangle

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



137, 163, 231



209, 143, 197



173, 167, 96



107, 180, 131

Sweetspot

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



137, 163, 231



224, 233, 255



137, 231, 204



110, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



137, 163, 231



130, 165, 255



157, 137, 231



103, 106, 115



0, 49, 179



0, 14, 51

Inverse Universe

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



231, 137, 163



255, 130, 165



211, 231, 137



115, 103, 106



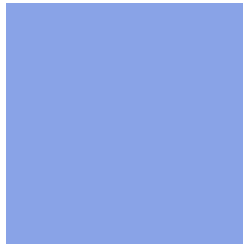
179, 0, 49



51, 0, 14

Previews

White Background



This preview shows how the RGB color 137, 163, 231 looks on a white background.

Color Contrast Check

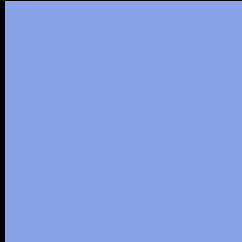
Large Text (above 18pt) WCAG AA × Fail

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 137, 163, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

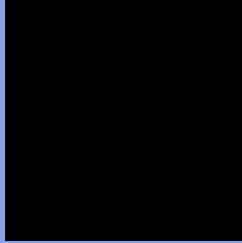
Any Text WCAG AA ✓ Pass

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 137, 163, 231 Background



This preview shows how black text looks on a background with the RGB color 137, 163, 231.



This preview shows how white text looks on a background with the RGB color 137, 163, 231.

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
137, 163, 231

Protanopia
143, 162, 230

Deuteranopia
140, 162, 231



Tritanopia
125, 172, 185

Trichromacy



Original Color
137, 163, 231

Protanomaly
141, 162, 230

Deuteranomaly
139, 162, 231

Tritanomaly
129, 169, 202

Monochromacy



Original Color
137, 163, 231

Achromatopsia
163, 163, 163

Achromatomaly
154, 163, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 163, 231 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(137, 163, 231)` looks like.

```
.text, #text, p{  
    color:rgb(137, 163, 231)  
}
```

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(137, 163, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 163, 231) }
```

Border

The CSS property to change the border of an element to RGB 137, 163, 231 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(137, 163, 231) }
```

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

```
.border{ border-color:rgb(137, 163, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 163, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 163, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 163, 231);  
box-shadow:4px 4px 4px 4px rgb(137, 163,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 137, 163, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 163, 231) }
```

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

```
.background{ background-color: rgb(137,  
163, 231) }
```

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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