Converting Colors

RGB(131, 181, 198)

Have a look what the booklet for RGB(131, 181, 198) contains.

Color

RGB(131, 181, 198)

Conversions

Conversions Part 1

Format	Color
Hex	83B5C6
RGB	131, 181, 198
RGB Percent	51%, 71%, 78%
CMY	0.4863, 0.2902, 0.2235
CMYK	0.34, 0.09, 0.00, 0.22
HSL	195°, 37%, 65%
HSV	195°, 34%, 78%
XYZ	36.0770, 41.9503, 59.6218
YIQ	167.9880, -35.2570, -5.3130

Conversions

Conversions Part 2

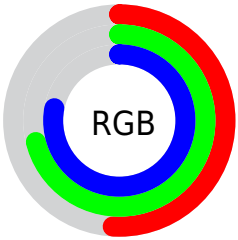
Format	Color
RYB	131, 160, 198
Decimal	8631750
CIELab	70.84, -12.27, -13.90
CIELCh	71, 18.548, 228.564
Yxy	41.9503, 0.2621, 0.3048
Android (android.graphics.Color)	4286821830 (0xFF83B5C6)
YUV	167.9880, 14.7959, -32.4385
Hunter-Lab	64.7690, -13.9195, -9.2399

Details

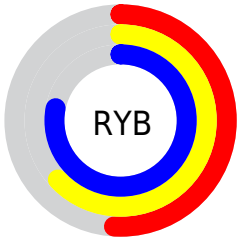
The RGB color 131, 181, 198 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 198, 148, 131, and the grayscale version is 168, 168, 168.

A 20% lighter version of the original color is 186, 237, 255, and 78, 128, 144 is the 20% darker color. If you saturate the color by 10%, you get 111, 176, 198, and if you desaturate by 10%, it is 151, 186, 198.

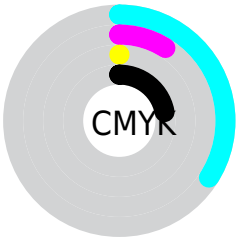
Distribution



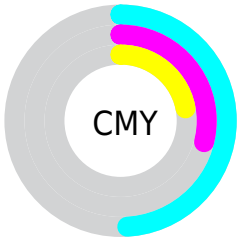
- Red (51%)
- Green (71%)
- Blue (78%)



- Red (51%)
- Yellow (63%)
- Blue (78%)



- Cyan (34%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 181, 198 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 131, 181, 198 by changing the saturation by 10% instead.

131, 181, 198

255, 255, 255

186, 237, 255

214, 255, 255

243, 255, 255

131, 181, 198

104, 154, 171

78, 128, 144

52, 103, 119

24, 79, 94

0, 56, 70

0, 34, 48

0, 7, 27

0, 0, 0

131, 181, 198

131, 181, 198

111, 176, 198

91, 171, 198

72, 166, 198

52, 161, 198

32, 156, 198

12, 151, 198

0, 148, 198

151, 186, 198

171, 191, 198

190, 196, 198

210, 201, 198

230, 206, 198

250, 211, 198

255, 216, 198

255, 221, 198

255, 226, 198

Harmonies

Analogous

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

129, 183, 183

131, 181, 198

146, 177, 206

Triad

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

131, 181, 198

203, 162, 181

175, 176, 141

Complementary

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

131, 181, 198

198, 148, 131

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.

193, 170, 141

131, 181, 198

209, 162, 163

Square

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

131, 181, 198

189, 166, 196

205, 165, 149

156, 180, 151

Rectangle

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

131, 181, 198

160, 173, 206

205, 165, 149

182, 174, 140

Sweetspot

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

131, 181, 198

230, 249, 255

131, 198, 148

112, 124, 128

0, 0, 0

128, 128, 128

Same Dimension

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

131, 181, 198

150, 228, 255

131, 148, 198

90, 97, 99

0, 122, 163

0, 27, 36

Inverse Universe

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

198, 131, 181

255, 150, 228

198, 181, 131

99, 90, 97

163, 0, 122

36, 0, 27

Previews

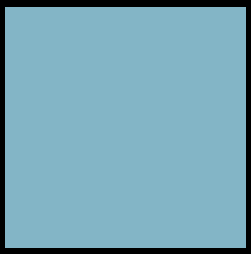
White Background

This preview shows how the RGB color 131, 181, 198 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



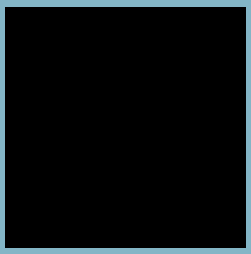
This preview shows how the RGB color 131, 181, 198 looks on a black background.

Color Contrast Check

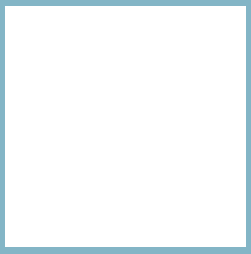
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 131, 181, 198 Background



This preview shows how black text looks on a background with the RGB color 131, 181, 198.



This preview shows how white text looks on a background with the RGB color 131, 181, 198.

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

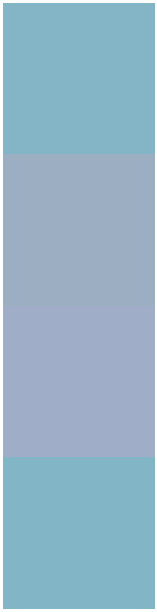
Original Color
131, 181, 198

Protanopia
170, 172, 192

Deuteranopia
176, 169, 201

Tritanopia
130, 181, 196

Trichromacy



Original Color
131, 181, 198

Protanomaly
156, 175, 194

Deuteranomaly
160, 173, 200

Tritanomaly
130, 181, 197

Monochromacy

Original Color
131, 181, 198

Achromatopsia
168, 168, 168

Achromatomaly
155, 173, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 181, 198 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(131, 181, 198) looks like.

```
.text, #text, p{
    color:rgb(131, 181, 198)
}
```

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(131, 181, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 181, 198) }
```

Border

The CSS property to change the border of an element to RGB 131, 181, 198 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(131, 181, 198) }
```

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

```
.border{ border-color:rgb(131, 181, 198) }
```

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

Here you see how a box with a 4 pixel rgb(131, 181, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 181, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 181, 198); box-shadow:4px 4px 4px 4px rgb(131, 181, 198) }
```

Background

The CSS property to change the background color of an element to RGB 131, 181, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(131, 181, 198) }
```

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

```
.background{ background-color:rgb(131,
181, 198) }
```

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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