

Converting Colors

RGB(131, 180, 212)

Have a look what the booklet for
RGB(131, 180, 212) contains.

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Color

RGB(131, 180, 212)

Conversions

Conversions Part 1

Format	Color
Hex	83B4D4
RGB	131, 180, 212
RGB Percent	51%, 71%, 83%
CMY	0.4863, 0.2941, 0.1686
CMYK	0.38, 0.15, 0.00, 0.17
HSL	204°, 49%, 67%
HSV	204°, 38%, 83%
XYZ	37.5650, 42.2213, 68.4570
YIQ	168.9970, -39.4760, -0.4360

Conversions

Conversions Part 2

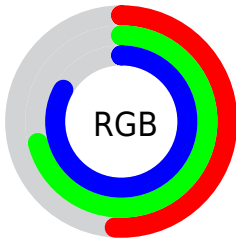
Format	Color
RYB	131, 162, 212
Decimal	8631508
CIELab	71.02, -8.17, -21.30
CIElCh	71, 22.809, 249.015
Yxy	42.2213, 0.2534, 0.2848
Android (android.graphics.Color)	4286821588 (0xFF83B4D4)
YUV	168.9970, 21.2005, -33.3234
Hunter-Lab	64.9779, -10.5170, -16.9800

Details

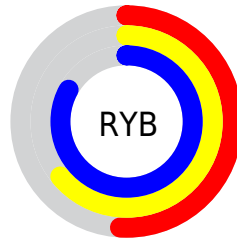
The RGB color **131, 180, 212** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **212, 163, 131**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **186, 236, 255**, and **77, 127, 157** is the 20% darker color. If you saturate the color by 10%, you get **110, 172, 212**, and if you desaturate by 10%, it is **152, 188, 212**.

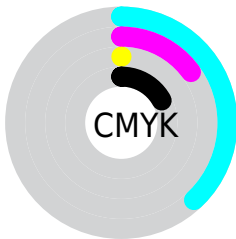
Distribution



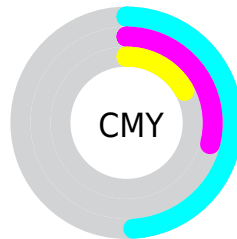
- Red (51%)
- Green (71%)
- Blue (83%)



- Red (51%)
- Yellow (64%)
- Blue (83%)



- Cyan (38%)
- Magenta (15%)
- Yellow (0%)
- Black (17%)




- Cyan (49%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 180, 212 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, 180, 212 by changing the saturation by 10% instead.


 131, 180, 212


255, 255, 255


 186, 236, 255


 215, 255, 255

 244, 255, 255

 131, 180, 212


 104, 153, 184

 77, 127, 157

 50, 102, 131

 18, 78, 106

 0, 56, 82

 0, 34, 58

 0, 9, 37

 0, 1, 14

 0, 0, 0

■ 131, 180, 212

■ 131, 180, 212

■ 110, 172, 212

■ 152, 188, 212

■ 89, 163, 212

■ 173, 197, 212

■ 67, 155, 212

■ 195, 205, 212

■ 46, 146, 212

■ 216, 214, 212

■ 25, 138, 212

■ 237, 222, 212

■ 4, 130, 212

■ 255, 230, 212

■ 0, 128, 212

■ 255, 239, 212

■ 255, 247, 212

■ 255, 255, 212

Harmonies

Analogous

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



116, 184, 199



131, 180, 212



158, 174, 215

Triad

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



131, 180, 212



216, 159, 168



160, 180, 141

Complementary

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



131, 180, 212



212, 163, 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.



183, 174, 133



131, 180, 212



214, 162, 149

Square

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



131, 180, 212



206, 161, 189



202, 168, 136



137, 184, 158

Rectangle

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



131, 180, 212



176, 169, 210



202, 168, 136



168, 179, 137

Sweetspot

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



131, 180, 212



227, 244, 255



131, 212, 162



111, 121, 128



0, 0, 0



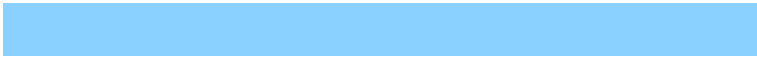
128, 128, 128

Same Dimension

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



131, 180, 212



138, 209, 255



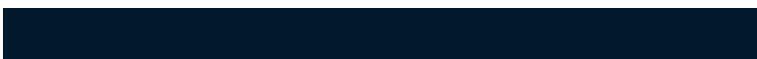
131, 140, 212



96, 103, 107



0, 103, 171



0, 26, 43

Inverse Universe

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



212, 131, 180



255, 138, 209



212, 203, 131



107, 96, 103



171, 0, 103



43, 0, 26

Previews

White Background



This preview shows how the RGB color 131, 180, 212 looks on a white background.

Color Contrast Check

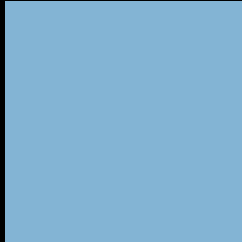
Large Text (above 18pt) WCAG AA × Fail

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, 180, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

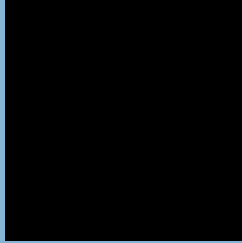
Any Text WCAG AA ✓ Pass

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, 180, 212 Background



This preview shows how black text looks on a background with the RGB color 131, 180, 212.

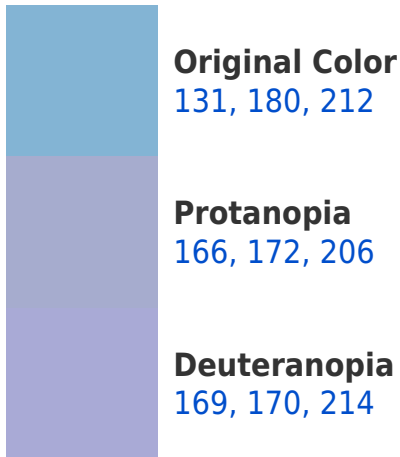


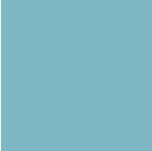
This preview shows how white text looks on a background with the RGB color 131, 180, 212.

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
127, 183, 197

Trichromacy



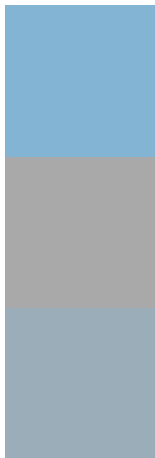
Original Color
131, 180, 212

Protanomaly
153, 175, 208

Deuteranomaly
155, 174, 213

Tritanomaly
128, 182, 202

Monochromacy



Original Color
131, 180, 212

Achromatopsia
169, 169, 169

Achromatomaly
155, 173, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 180, 212 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, 180, 212)` looks like.

```
.text, #text, p{  
    color:rgb(131, 180, 212)  
}
```

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, 180, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 180, 212) }
```

Border

The CSS property to change the border of an element to RGB 131, 180, 212 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, 180, 212) }
```

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

```
.border{ border-color:rgb(131, 180, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 180, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 180, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 180, 212);  
box-shadow:4px 4px 4px 4px rgb(131, 180,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 131, 180, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 180, 212) }
```

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

```
.background{ background-color: rgb(131,  
180, 212) }
```

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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