

Converting Colors

RGB(135, 181, 226)

Have a look what the booklet for
RGB(135, 181, 226) contains.

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Color

RGB(135, 181, 226)

Conversions

Conversions Part 1

Format	Color
Hex	87B5E2
RGB	135, 181, 226
RGB Percent	53%, 71%, 89%
CMY	0.4706, 0.2902, 0.1137
CMYK	0.40, 0.20, 0.00, 0.11
HSL	210°, 61%, 71%
HSV	210°, 40%, 89%
XYZ	40.2430, 43.6896, 78.2634
YIQ	172.3760, -41.8610, 4.2430

Conversions

Conversions Part 2

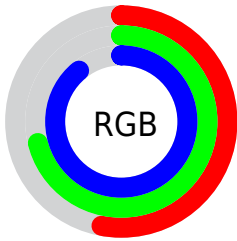
Format	Color
RYB	135, 166, 226
Decimal	8893922
CIELab	72.02, -3.95, -27.40
CIElCh	72, 27.679, 261.801
Yxy	43.6896, 0.2481, 0.2694
Android (android.graphics.Color)	4287084002 (0xFF87B5E2)
YUV	172.3760, 26.4366, -32.7788
Hunter-Lab	66.0981, -6.9943, -23.9336

Details

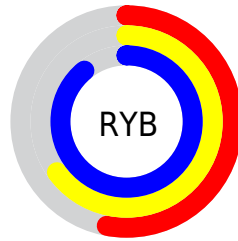
The RGB color **135, 181, 226** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **226, 180, 135**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **191, 237, 255**, and **80, 128, 171** is the 20% darker color. If you saturate the color by 10%, you get **112, 170, 226**, and if you desaturate by 10%, it is **158, 192, 226**.

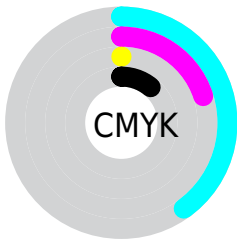
Distribution



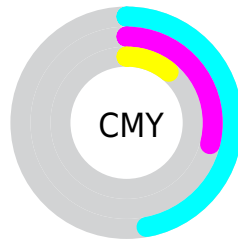
- Red (53%)
- Green (71%)
- Blue (89%)



- Red (53%)
- Yellow (65%)
- Blue (89%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (47%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 181, 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 135, 181, 226 by changing the saturation by 10% instead.


 135, 181, 226

 135, 181, 226


255, 255, 255

 108, 154, 198

 191, 237, 255

 80, 128, 171


 220, 255, 255


 52, 103, 144

 249, 255, 255

 19, 79, 118

 0, 57, 93

 0, 35, 69


 0, 13, 47

 0, 1, 26


 0, 0, 0

 135, 181, 226


 135, 181, 226

 112, 170, 226


 158, 192, 226

 90, 159, 226


 180, 203, 226

 67, 147, 226

 203, 215, 226

 45, 136, 226

 225, 226, 226

 22, 125, 226

 248, 237, 226

 0, 114, 226

 255, 248, 226

 255, 255, 226

Harmonies

Analogous

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



106, 187, 215



135, 181, 226



171, 172, 223

Triad

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



135, 181, 226



228, 159, 159



147, 187, 145

Complementary

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



135, 181, 226



226, 180, 135

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.



176, 181, 129



135, 181, 226



220, 164, 138

Square

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



135, 181, 226



222, 159, 185



201, 173, 127



119, 190, 168

Rectangle

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



135, 181, 226



193, 167, 214



201, 173, 127



156, 185, 138

Sweetspot

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



135, 181, 226



224, 240, 255



135, 226, 179



110, 119, 128



0, 0, 0



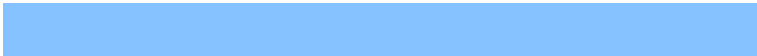
128, 128, 128

Same Dimension

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



135, 181, 226



133, 194, 255



135, 137, 226



101, 107, 112



0, 89, 176



0, 24, 48

Inverse Universe

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



226, 135, 181



255, 133, 194



226, 224, 135



112, 101, 107



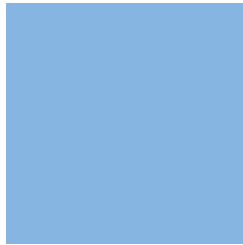
176, 0, 89



48, 0, 24

Previews

White Background



This preview shows how the RGB color 135, 181, 226 looks on a white background.

Color Contrast Check

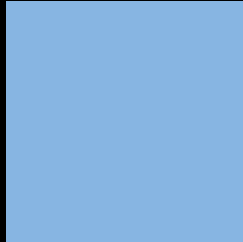
Large Text (above 18pt) WCAG AA × Fail

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 135, 181, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

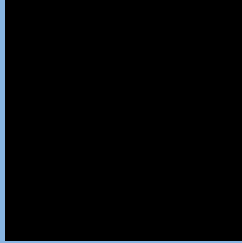
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

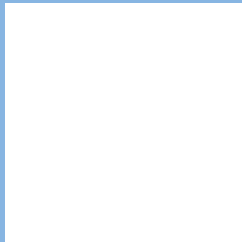
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 135, 181, 226 Background



This preview shows how black text looks on a background with the RGB color 135, 181, 226.



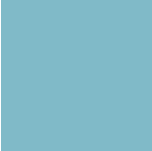
This preview shows how white text looks on a background with the RGB color 135, 181, 226.

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](#).

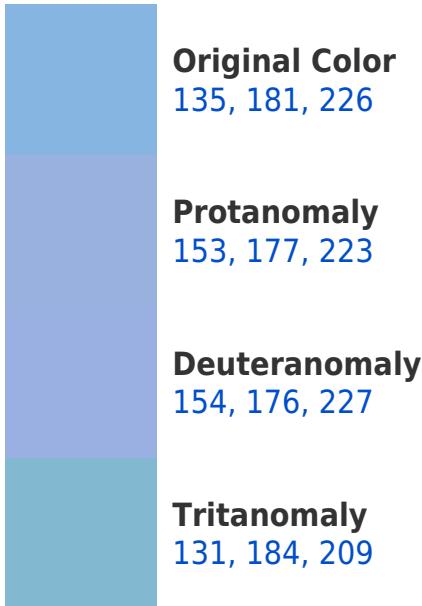
Dichromacy



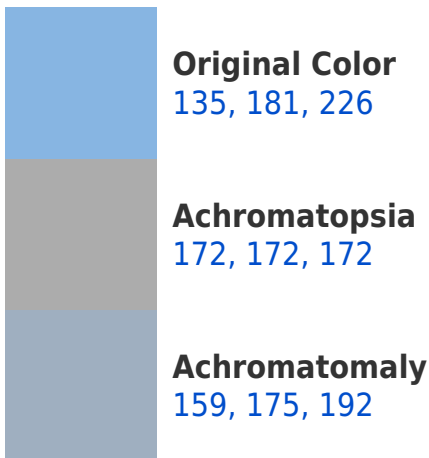


Tritanopia
128, 186, 200

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 181, 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(135, 181, 226)` looks like.

```
.text, #text, p{  
    color:rgb(135, 181, 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(135, 181, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 181, 226) }
```

Border

The CSS property to change the border of an element to RGB 135, 181, 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(135, 181, 226) }
```

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

```
.border{ border-color:rgb(135, 181, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 181, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 181, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 181, 226);  
box-shadow:4px 4px 4px 4px rgb(135, 181,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 135, 181, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 181, 226) }
```

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

```
.background{ background-color: rgb(135,  
181, 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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