

Converting Colors

RGB(149, 176, 223)

Have a look what the booklet for
RGB(149, 176, 223) contains.

RGB(149, 176, 223)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(149, 176, 223)

Conversions

Conversions Part 1

Format	Color
Hex	95B0DF
RGB	149, 176, 223
RGB Percent	58%, 69%, 87%
CMY	0.4157, 0.3098, 0.1255
CMYK	0.33, 0.21, 0.00, 0.13
HSL	218°, 54%, 73%
HSV	218°, 33%, 87%
XYZ	41.2390, 42.7679, 75.8935
YIQ	173.2850, -31.1790, 8.8930

Conversions

Conversions Part 2

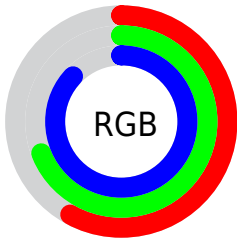
Format	Color
RYB	149, 169, 223
Decimal	9810143
CIELab	71.40, 1.81, -26.64
CIELCh	71, 26.705, 273.891
Yxy	42.7679, 0.2579, 0.2675
Android (android.graphics.Color)	4288000223 (0xFF95B0DF)
YUV	173.2850, 24.5095, -21.2979
Hunter-Lab	65.3972, -1.8842, -23.0281

Details

The RGB color **149, 176, 223** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **223, 196, 149**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **205, 231, 255**, and **96, 124, 168** is the 20% darker color. If you saturate the color by 10%, you get **127, 162, 223**, and if you desaturate by 10%, it is **171, 190, 223**.

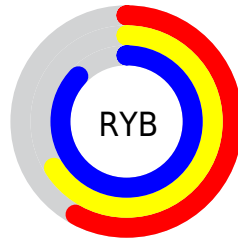
Distribution



Red (58%)

Green (69%)

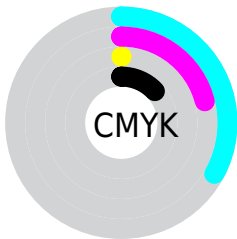
Blue (87%)



Red (58%)

Yellow (66%)

Blue (87%)

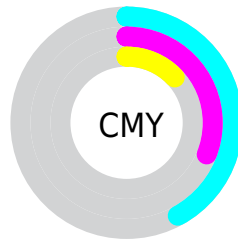


Cyan (33%)

Magenta (21%)

Yellow (0%)

Black (13%)



Cyan (42%)


Magenta (31%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 176, 223 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 149, 176, 223 by changing the saturation by 10% instead.


 149, 176, 223


255, 255, 255

 205, 231, 255

 233, 255, 255

 149, 176, 223


 122, 149, 195

 96, 124, 168

 70, 99, 141

 43, 75, 115

 13, 53, 91

 0, 32, 67

 0, 7, 45

 0, 1, 23

 0, 0, 0

■ 149, 176, 223

■ 149, 176, 223

■ 127, 162, 223

■ 171, 190, 223

■ 104, 148, 223

■ 194, 204, 223

■ 82, 134, 223

■ 216, 218, 223

■ 60, 119, 223

■ 238, 233, 223

■ 38, 105, 223

■ 255, 247, 223

■ 15, 91, 223

■ 255, 255, 223

■ 0, 81, 223

Harmonies

Analogous

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



117, 183, 218



149, 176, 223



183, 167, 215

Triad

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



149, 176, 223



223, 159, 149



135, 187, 153

Complementary

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



149, 176, 223



223, 196, 149

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.



163, 182, 134



149, 176, 223



211, 166, 132

Square

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



149, 176, 223



223, 157, 173



189, 174, 126



111, 189, 177

Rectangle

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



149, 176, 223



201, 162, 204



189, 174, 126



144, 185, 145

Sweetspot

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



149, 176, 223



230, 239, 255



149, 223, 196



112, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



149, 176, 223



153, 190, 255



159, 149, 223



101, 105, 112



0, 64, 176



0, 18, 48

Inverse Universe

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



223, 149, 176



255, 153, 190



213, 223, 149



112, 101, 105



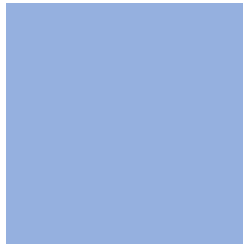
176, 0, 64



48, 0, 18

Previews

White Background



This preview shows how the RGB color 149, 176, 223 looks on a white background.

Color Contrast Check

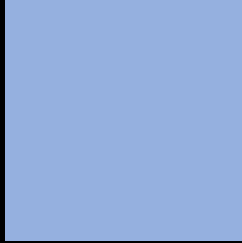
Large Text (above 18pt) WCAG AA × Fail

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 149, 176, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

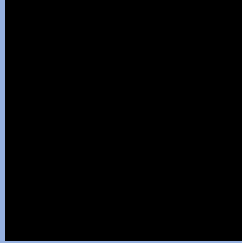
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

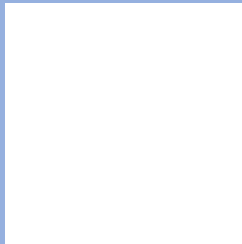
Any Text WCAG AAA ✓ Pass

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

RGB 149, 176, 223 Background



This preview shows how black text looks on a background with the RGB color 149, 176, 223.



This preview shows how white text looks on a background with the RGB color 149, 176, 223.

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](#).

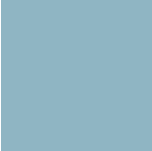
Dichromacy



Original Color
149, 176, 223

Protanopia
163, 173, 221

Deuteranopia
165, 171, 224



Tritanopia
143, 181, 195

Trichromacy



Original Color
149, 176, 223

Protanomaly
158, 174, 222

Deuteranomaly
159, 173, 224

Tritanomaly
145, 179, 205

Monochromacy



Original Color
149, 176, 223

Achromatopsia
173, 173, 173

Achromatomaly
164, 174, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 176, 223 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(149, 176, 223)` looks like.

```
.text, #text, p{  
    color:rgb(149, 176, 223)  
}
```

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(149, 176, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 176, 223) }
```

Border

The CSS property to change the border of an element to RGB 149, 176, 223 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(149, 176, 223) }
```

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

```
.border{ border-color:rgb(149, 176, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 176, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 176, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 176, 223);  
box-shadow:4px 4px 4px 4px rgb(149, 176,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 149, 176, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 176, 223) }
```

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

```
.background{ background-color: rgb(149,  
176, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor