

Converting Colors

RGB(149, 213, 218)

Have a look what the booklet for
RGB(149, 213, 218) contains.

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Color

RGB(149, 213, 218)

Conversions

Conversions Part 1

Format	Color
Hex	95D5DA
RGB	149, 213, 218
RGB Percent	58%, 84%, 85%
CMY	0.4157, 0.1647, 0.1451
CMYK	0.32, 0.02, 0.00, 0.15
HSL	184°, 48%, 72%
HSV	184°, 32%, 85%
XYZ	48.8436, 59.0400, 75.1512
YIQ	194.4340, -39.7490, -12.0130

Conversions

Conversions Part 2

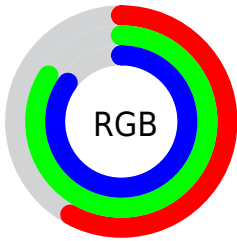
Format	Color
RYB	149, 182, 218
Decimal	9819610
CIELab	81.31, -18.96, -8.97
CIElCh	81, 20.977, 205.305
Yxy	59.0400, 0.2669, 0.3226
Android (android.graphics.Color)	4288009690 (0xFF95D5DA)
YUV	194.4340, 11.6180, -39.8456
Hunter-Lab	76.8375, -20.9979, -4.2026

Details

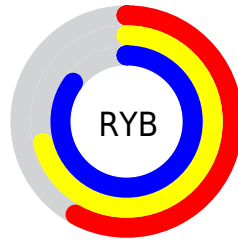
The RGB color **149, 213, 218** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **218, 154, 149**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **205, 255, 255**, and **95, 158, 163** is the 20% darker color. If you saturate the color by 10%, you get **127, 211, 218**, and if you desaturate by 10%, it is **171, 215, 218**.

Distribution



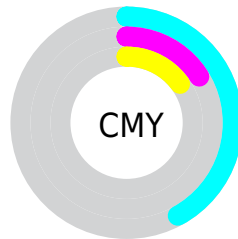
- Red (58%)
- Green (84%)
- Blue (85%)



- Red (58%)
- Yellow (71%)
- Blue (85%)



- Cyan (32%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 213, 218 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, 213, 218 by changing the saturation by 10% instead.


 149, 213, 218


255, 255, 255


 205, 255, 255


 234, 255, 255

 149, 213, 218

 122, 185, 190

 95, 158, 163


 68, 132, 137

 41, 107, 112

 4, 82, 87

 0, 59, 64

 0, 37, 42


 0, 10, 22

 0, 0, 0

 149, 213, 218

 149, 213, 218

 127, 211, 218

 171, 215, 218

 105, 210, 218

 193, 216, 218

 84, 208, 218

 214, 218, 218

 62, 207, 218

 236, 219, 218

 40, 205, 218

 255, 221, 218

 18, 204, 218

 255, 222, 218

 0, 202, 218

 255, 224, 218

 255, 226, 218

 255, 227, 218

Harmonies

Analogous

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



158, 213, 198



149, 213, 218



156, 210, 234

Triad

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



149, 213, 218



225, 192, 225



220, 200, 163

Complementary

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



149, 213, 218



218, 154, 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.



236, 193, 170



149, 213, 218



239, 188, 206

Square

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



149, 213, 218



202, 198, 237



243, 189, 186



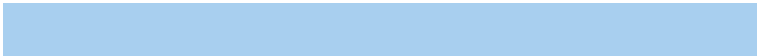
199, 206, 166

Rectangle

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



149, 213, 218



168, 207, 239



243, 189, 186



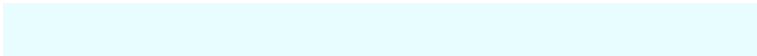
226, 197, 164

Sweetspot

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



149, 213, 218



232, 253, 255



149, 218, 154



113, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



149, 213, 218



158, 248, 255



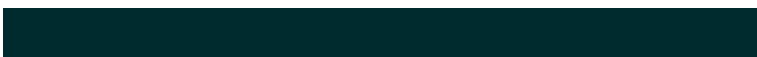
149, 179, 218



99, 109, 110



0, 161, 173



0, 43, 46

Inverse Universe

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



218, 149, 213



255, 158, 248



218, 188, 149



110, 99, 109



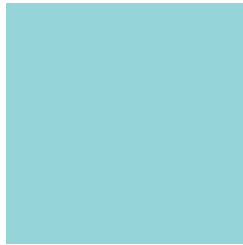
173, 0, 161



46, 0, 43

Previews

White Background



This preview shows how the RGB color 149, 213, 218 looks on a white background.

Color Contrast Check

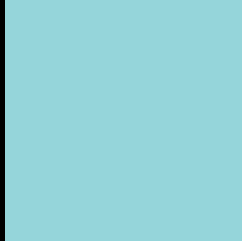
Large Text (above 18pt) WCAG AA × Fail

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, 213, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

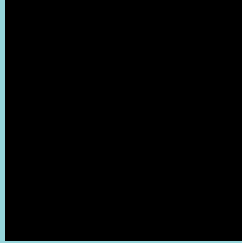
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

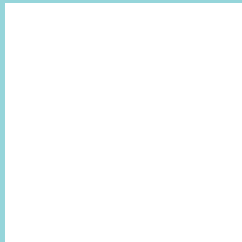
Any Text WCAG AAA ✓ Pass

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

RGB 149, 213, 218 Background



This preview shows how black text looks on a background with the RGB color 149, 213, 218.



This preview shows how white text looks on a background with the RGB color 149, 213, 218.

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





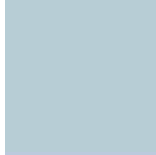
Tritanopia
151, 211, 228

Trichromacy



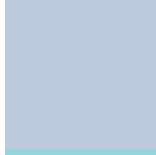
Original Color

149, 213, 218



Protanomaly

183, 205, 213



Deuteranomaly

188, 202, 221



Tritanomaly

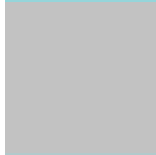
150, 212, 224

Monochromacy



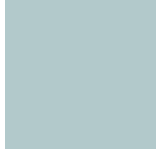
Original Color

149, 213, 218



Achromatopsia

194, 194, 194



Achromatomaly

178, 201, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 213, 218 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, 213, 218)` looks like.

```
.text, #text, p{  
    color:rgb(149, 213, 218)  
}
```

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, 213, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 213, 218) }
```

Border

The CSS property to change the border of an element to RGB 149, 213, 218 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, 213, 218) }
```

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

```
.border{ border-color:rgb(149, 213, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 213, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 213, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 213, 218);  
box-shadow:4px 4px 4px 4px rgb(149, 213,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 149, 213, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 213, 218) }
```

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

```
.background{ background-color: rgb(149,  
213, 218) }
```

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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