

# Converting Colors

RGB(138, 183, 201)

Have a look what the booklet for  
RGB(138, 183, 201) contains.

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# **Color**

**RGB(138, 183, 201)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8AB7C9
RGB	138, 183, 201
RGB Percent	54%, 72%, 79%
CMY	0.4588, 0.2824, 0.2118
CMYK	0.31, 0.09, 0.00, 0.21
HSL	197°, 37%, 66%
HSV	197°, 31%, 79%
XYZ	37.9573, 43.4873, 61.6517
YIQ	171.5970, -32.5980, -3.9420

# Conversions

## Conversions Part 2

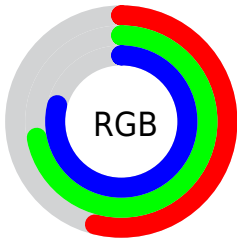
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	138, 164, 201
Decimal	9091017
CIE Lab	71.88, -10.61, -13.93
CIE LCh	72, 17.513, 232.719
Yxy	43.4873, 0.2653, 0.3039
Android (android.graphics.Color)	4287281097 (0xFF8AB7C9)
YUV	171.5970, 14.4957, -29.4646
Hunter-Lab	65.9449, -12.6604, -9.2686

# Details

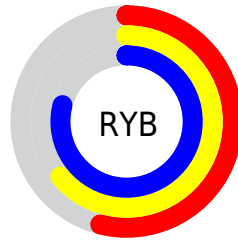
The RGB color **138, 183, 201** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **201, 156, 138**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **193, 239, 255**, and **86, 130, 147** is the 20% darker color. If you saturate the color by 10%, you get **118, 177, 201**, and if you desaturate by 10%, it is **158, 189, 201**.

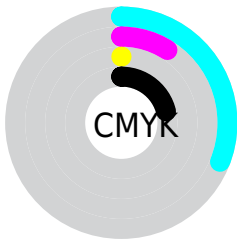
# Distribution



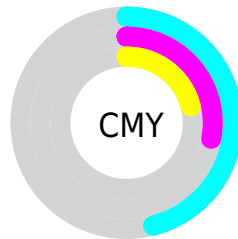
- Red (54%)
- Green (72%)
- Blue (79%)



- Red (54%)
- Yellow (64%)
- Blue (79%)



- Cyan (31%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (46%)
- Magenta (28%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 138, 183, 201 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 138, 183, 201 by changing the saturation by 10% instead.



 138, 183, 201


255, 255, 255


 193, 239, 255

 221, 255, 255

 250, 255, 255

 138, 183, 201

 111, 156, 174

 86, 130, 147

 60, 105, 121

 34, 81, 96

 1, 58, 73

 0, 36, 50

 0, 14, 29

 0, 0, 0

 138, 183, 201

 138, 183, 201

■ 118, 177, 201

■ 158, 189, 201

■ 98, 172, 201

■ 178, 194, 201

■ 78, 166, 201

■ 198, 200, 201

■ 58, 160, 201

■ 218, 206, 201

■ 38, 154, 201

■ 239, 212, 201

■ 17, 149, 201

■ 255, 217, 201

■ 0, 144, 201

■ 255, 223, 201

■ 255, 229, 201

■ 255, 235, 201

# Harmonies

## Analogous

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



134, 185, 188



138, 183, 201



153, 179, 207

# Triad

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



138, 183, 201



206, 165, 181



176, 179, 147

# Complementary

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



138, 183, 201



201, 156, 138

# 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, 174, 145



138, 183, 201



210, 166, 165

# Square

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



138, 183, 201



193, 168, 196



205, 169, 151



157, 183, 156

# Rectangle

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



138, 183, 201



167, 175, 207



205, 169, 151



182, 177, 145

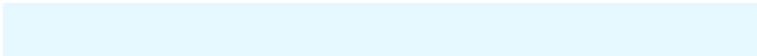


# Sweetspot

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



138, 183, 201



232, 248, 255



138, 201, 156



113, 123, 128



0, 0, 0



128, 128, 128

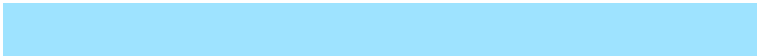


# Same Dimension

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



138, 183, 201



158, 227, 255



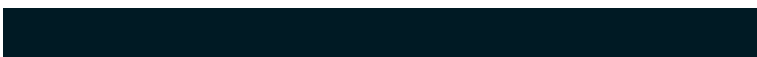
138, 152, 201



90, 97, 99



0, 117, 163



0, 26, 36



# Inverse Universe

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



201, 138, 183



255, 158, 227



201, 187, 138



99, 90, 97



163, 0, 117



36, 0, 26



# Previews

## White Background



This preview shows how the RGB color 138, 183, 201 looks on a white background.

## Color Contrast Check

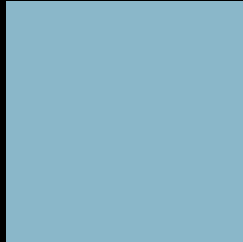
Large Text (above 18pt) WCAG AA × Fail

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 138, 183, 201 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

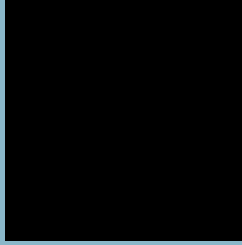
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 138, 183, 201 Background



This preview shows how black text looks on a background with the RGB color 138, 183, 201.



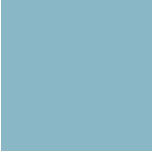
This preview shows how white text looks on a background with the RGB color 138, 183, 201.

# 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



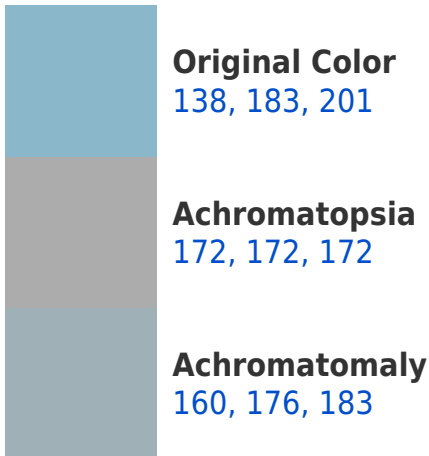


**Tritanopia**  
137, 183, 198

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to RGB 138, 183, 201 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(138, 183, 201)` looks like.

```
.text, #text, p{  
    color:rgb(138, 183, 201)  
}
```

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(138, 183, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 183, 201) }
```

## Border

The CSS property to change the border of an element to RGB 138, 183, 201 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(138, 183, 201) }
```

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

```
.border{ border-color:rgb(138, 183, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 183, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 183, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 183, 201); box-shadow:4px 4px 4px 4px rgb(138, 183, 201) }
```

# Background

The CSS property to change the background color of an element to RGB 138, 183, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 183, 201) }
```

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

```
.background{ background-color: rgb(138,  
183, 201) }
```

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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