

Converting Colors

RGB(138, 217, 182)

Have a look what the booklet for
RGB(138, 217, 182) contains.

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Color

RGB(138, 217, 182)

Conversions

Conversions Part 1

Format	Color
Hex	8AD9B6
RGB	138, 217, 182
RGB Percent	54%, 85%, 71%
CMY	0.4588, 0.1490, 0.2863
CMYK	0.36, 0.00, 0.16, 0.15
HSL	153°, 51%, 70%
HSV	153°, 36%, 85%
XYZ	43.7376, 58.4064, 53.2243
YIQ	189.3890, -35.8490, -27.6330

Conversions

Conversions Part 2

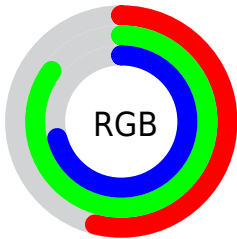
Format	Color
RYB	138, 189, 217
Decimal	9099702
CIELab	80.96, -31.93, 9.63
CIELCh	81, 33.351, 163.214
Yxy	58.4064, 0.2815, 0.3759
Android (android.graphics.Color)	4287289782 (0xFF8AD9B6)
YUV	189.3890, -3.6428, -45.0682
Hunter-Lab	76.4241, -31.5864, 12.2053

Details

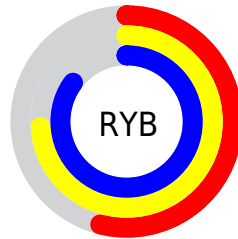
The RGB color **138, 217, 182** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **217, 138, 173**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **194, 255, 238**, and **84, 162, 129** is the 20% darker color. If you saturate the color by 10%, you get **116, 217, 172**, and if you desaturate by 10%, it is **160, 217, 192**.

Distribution



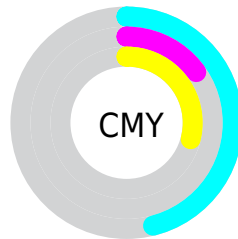
- Red (54%)
- Green (85%)
- Blue (71%)



- Red (54%)
- Yellow (74%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (16%)
- Black (15%)



- Cyan (46%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 217, 182 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, 217, 182 by changing the saturation by 10% instead.

 138, 217, 182


255, 255, 255


 194, 255, 238


 223, 255, 255

 252, 255, 255

 138, 217, 182


 111, 189, 155

 84, 162, 129

 57, 135, 104

 27, 109, 80

 0, 85, 57

 0, 61, 35

 0, 39, 14

 0, 7, 0

 0, 0, 0

 138, 217, 182

 138, 217, 182

 116, 217, 172

 160, 217, 192

 95, 217, 163

 181, 217, 201

 73, 217, 153

 203, 217, 211

 51, 217, 144

 225, 217, 220

 30, 217, 134

 246, 217, 230

 8, 217, 124

 255, 217, 240

 0, 217, 121

 255, 217, 249

 255, 217, 255

Harmonies

Analogous

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



174, 212, 155



138, 217, 182



108, 218, 214

Triad

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



138, 217, 182



181, 199, 255



255, 183, 160

Complementary

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



138, 217, 182



217, 138, 173

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.



255, 178, 188



138, 217, 182



223, 188, 247

Square

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



138, 217, 182



135, 209, 255



252, 180, 220



239, 193, 142

Rectangle

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



138, 217, 182



102, 217, 234



252, 180, 220



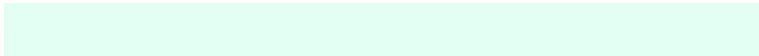
255, 181, 168

Sweetspot

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



138, 217, 182



227, 255, 243



174, 217, 138



111, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



138, 217, 182



143, 255, 205



138, 213, 217



99, 110, 105



0, 173, 97



0, 46, 26

Inverse Universe

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



217, 138, 173



255, 143, 193



217, 142, 138



110, 99, 104



173, 0, 77



46, 0, 20

Previews

White Background



This preview shows how the RGB color 138, 217, 182 looks on a white background.

Color Contrast Check

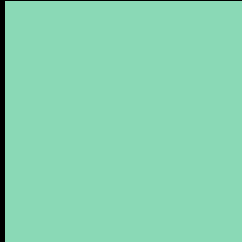
Large Text (above 18pt) WCAG AA × Fail

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, 217, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

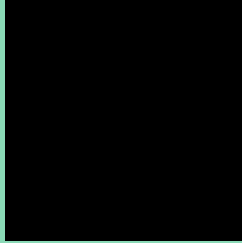
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

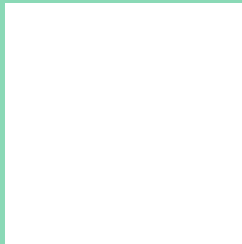
Any Text WCAG AAA ✓ Pass

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

RGB 138, 217, 182 Background



This preview shows how black text looks on a background with the RGB color 138, 217, 182.

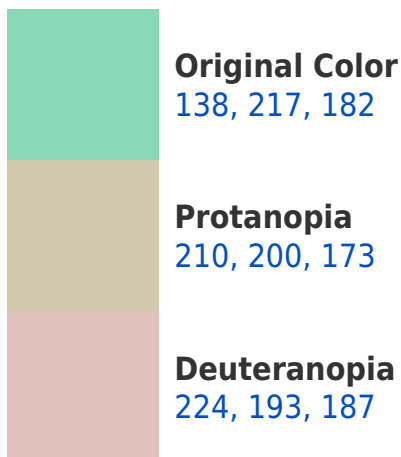


This preview shows how white text looks on a background with the RGB color 138, 217, 182.

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
148, 211, 228

Trichromacy



Original Color

138, 217, 182



Protanomaly

184, 206, 176



Deuteranomaly

193, 202, 185



Tritanomaly

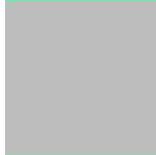
144, 213, 211

Monochromacy



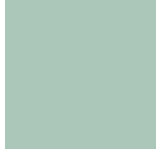
Original Color

138, 217, 182



Achromatopsia

189, 189, 189



Achromatomaly

170, 199, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 217, 182 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, 217, 182)` looks like.

```
.text, #text, p{  
    color:rgb(138, 217, 182)  
}
```

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, 217, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 217, 182) }
```

Border

The CSS property to change the border of an element to RGB 138, 217, 182 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, 217, 182) }
```

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

```
.border{ border-color:rgb(138, 217, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 217, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 217, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 217, 182); box-shadow:4px 4px 4px 4px rgb(138, 217, 182) }
```

Background

The CSS property to change the background color of an element to RGB 138, 217, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 217, 182) }
```

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

```
.background{ background-color: rgb(138,  
217, 182) }
```

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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