

Converting Colors

`RYB(138, 186, 219)`

Have a look what the booklet for
RYB(138, 186, 219) contains.

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Color

R_YB(138, 186, 219)

Conversions

Conversions Part 1

Format	Color
Hex	8ADBC2
RGB	138, 219, 194
RGB Percent	54%, 86%, 76%
CMY	0.4588, 0.1412, 0.2404
CMYK	0.37, 0.00, 0.12, 0.14
HSL	161°, 53%, 70%
HSV	161°, 37%, 86%
XYZ	45.5153, 59.9473, 60.0272
YIQ	191.9310, -40.2510, -24.9470

Conversions

Conversions Part 2

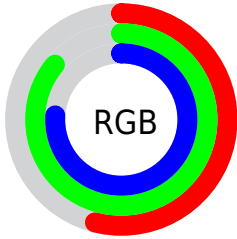
Format	Color
RYB	138, 186, 219
Decimal	9100226
CIELab	81.81, -30.41, 4.64
CIELCh	82, 30.766, 171.318
Yxy	59.9473, 0.2750, 0.3622
Android (android.graphics.Color)	4287290306 (0xFF8ADBC2)
YUV	191.9310, 1.0200, -47.2975
Hunter-Lab	77.4257, -30.5623, 8.2311

Details

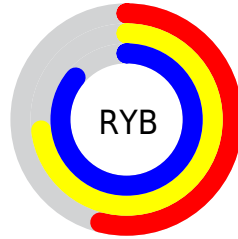
The RYB color **138, 186, 219** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **219, 138, 163**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **194, 226, 255**, and **83, 131, 164** is the 20% darker color. If you saturate the color by 10%, you get **116, 177, 219**, and if you desaturate by 10%, it is **160, 195, 219**.

Distribution



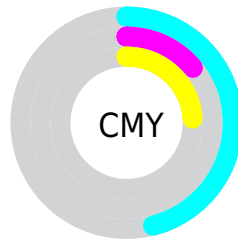
- Red (54%)
- Green (86%)
- Blue (76%)



- Red (54%)
- Yellow (73%)
- Blue (86%)



- Cyan (37%)
- Magenta (0%)
- Yellow (12%)
- Black (14%)




- Cyan (46%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 186, 219 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 RYB color 138, 186, 219 by changing the saturation by 10% instead.

 138, 186, 219


255, 255, 255


 194, 226, 255

 223, 239, 255

 252, 254, 255

 138, 186, 219

 111, 158, 191

 84, 131, 164


 56, 103, 137

 25, 74, 111

 0, 48, 86

 0, 37, 63

 0, 25, 40


 0, 12, 12


 0, 0, 0

 138, 186, 219


 138, 186, 219

 116, 177, 219


 160, 195, 219

 94, 168, 219


 182, 204, 219

 72, 159, 219

 204, 213, 219

 50, 150, 219

 226, 219, 221

 28, 141, 219

 248, 219, 228

 7, 133, 219

 255, 219, 235

 0, 130, 219

 255, 219, 242

 255, 219, 248

 255, 219, 255

Harmonies

Analogous

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



167, 215, 212



138, 186, 219



117, 169, 223

Triad

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



138, 186, 219



196, 199, 255



253, 202, 160

Complementary

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



138, 186, 219



219, 138, 163

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, 183, 184



138, 186, 219



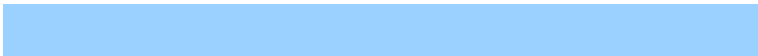
232, 189, 240

Square

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



138, 186, 219



155, 190, 255



255, 183, 213



201, 232, 147

Rectangle

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



138, 186, 219



118, 173, 240



255, 183, 213



255, 193, 167

Sweetspot

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



138, 186, 219



227, 244, 255



138, 219, 193



111, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



138, 186, 219



143, 209, 255



138, 174, 219



99, 106, 110



0, 102, 173



0, 27, 46

Inverse Universe

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



219, 138, 163



255, 143, 178



219, 156, 138



110, 99, 102



173, 0, 54



46, 0, 14

Previews

White Background



This preview shows how the RYB color 138, 186, 219 looks on a white background.

Color Contrast Check

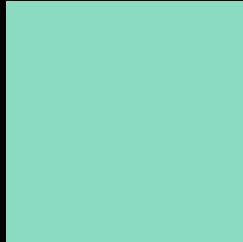
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 138, 186, 219 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

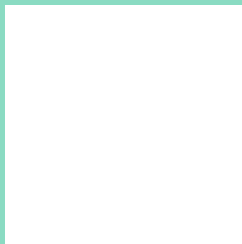
Any Text WCAG AAA ✓ Pass

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

RYB 138, 186, 219 Background



This preview shows how black text looks on a background with the RYB color 138, 186, 219.

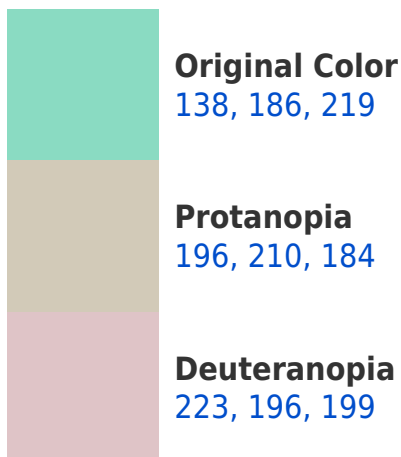


This preview shows how white text looks on a background with the RYB color 138, 186, 219.

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
147, 184, 231

Trichromacy



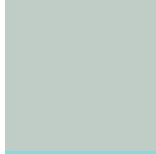
Original Color

138, 186, 219



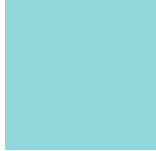
Protanomaly

184, 205, 208



Deuteranomaly

192, 200, 204



Tritanomaly

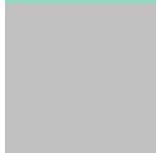
144, 180, 217

Monochromacy



Original Color

138, 186, 219



Achromatopsia

192, 192, 192



Achromatomaly

172, 190, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 186, 219 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, 219, 194)` looks like.

```
.text, #text, p{  
    color:rgb(138, 219, 194)  
}
```

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, 219, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 219, 194) }
```

Border

The CSS property to change the border of an element to RYB 138, 186, 219 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, 219, 194) }
```

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

```
.border{ border-color:rgb(138, 219, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 219, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 219, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 219, 194);  
box-shadow:4px 4px 4px 4px rgb(138, 219,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 138, 186, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 219, 194) }
```

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

```
.background{ background-color: rgb(138,  
219, 194) }
```

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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