

Converting Colors

`RYB(138, 183, 214)`

Have a look what the booklet for
RYB(138, 183, 214) contains.

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Color

R_YB(138, 183, 214)

Conversions

Conversions Part 1

Format	Color
Hex	8AD6BE
RGB	138, 214, 190
RGB Percent	54%, 84%, 75%
CMY	0.4588, 0.1608, 0.2535
CMYK	0.36, 0.00, 0.11, 0.16
HSL	161°, 48%, 69%
HSV	161°, 36%, 84%
XYZ	43.8610, 57.2297, 57.6539
YIQ	188.5400, -37.5920, -23.5760

Conversions

Conversions Part 2

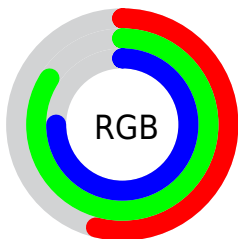
Format	Color
RYB	138, 183, 214
Decimal	9098942
CIELab	80.31, -28.74, 4.25
CIELCh	80, 29.054, 171.596
Yxy	57.2297, 0.2763, 0.3605
Android (android.graphics.Color)	4287289022 (0xFF8AD6BE)
YUV	188.5400, 0.7198, -44.3236
Hunter-Lab	75.6503, -28.8962, 7.7697

Details

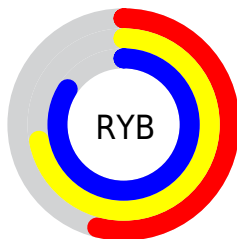
The RYB color **138, 183, 214** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **214, 138, 162**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **194, 227, 255**, and **84, 128, 159** is the 20% darker color. If you saturate the color by 10%, you get **117, 174, 214**, and if you desaturate by 10%, it is **159, 192, 214**.

Distribution



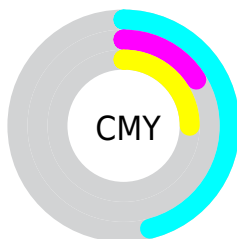
- Red (54%)
- Green (84%)
- Blue (75%)



- Red (54%)
- Yellow (72%)
- Blue (84%)



- Cyan (36%)
- Magenta (0%)
- Yellow (11%)
- Black (16%)



- Cyan (46%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 183, 214 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, 183, 214 by changing the saturation by 10% instead.


 138, 183, 214


255, 255, 255


 194, 227, 255


 222, 239, 255

 252, 254, 255

 138, 183, 214


 111, 155, 186

 84, 128, 159

 57, 101, 133

 27, 73, 107

 0, 46, 82

 0, 34, 59


 0, 23, 37

 0, 2, 2


 0, 0, 0

 138, 183, 214


 138, 183, 214

 117, 174, 214


 159, 192, 214

 95, 165, 214


 181, 200, 214

 74, 157, 214


 202, 209, 214

 52, 148, 214

 224, 214, 217

 31, 139, 214

 245, 214, 224

 10, 131, 214

 255, 214, 230

 0, 127, 214

 255, 214, 237

 255, 214, 244

 255, 214, 250

Harmonies

Analogous

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



165, 210, 208



138, 183, 214



119, 167, 218

Triad

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



138, 183, 214



193, 195, 249



246, 199, 158

Complementary

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



138, 183, 214



214, 138, 162

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, 180, 181



138, 183, 214



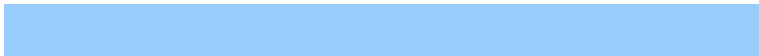
227, 186, 233

Square

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



138, 183, 214



155, 188, 252



248, 180, 208



197, 226, 146

Rectangle

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



138, 183, 214



120, 171, 234



248, 180, 208



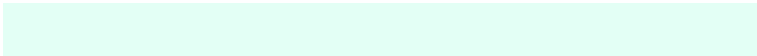
250, 190, 164

Sweetspot

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



138, 183, 214



227, 244, 255



138, 214, 190



111, 121, 128



0, 0, 0



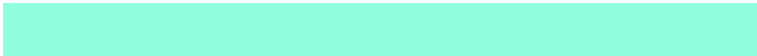
128, 128, 128

Same Dimension

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



138, 183, 214



145, 210, 255



138, 172, 214



96, 102, 107



0, 101, 171



0, 25, 43

Inverse Universe

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



214, 138, 162



255, 145, 179



214, 155, 138



107, 96, 100



171, 0, 53



43, 0, 13

Previews

White Background



This preview shows how the RYB color 138, 183, 214 looks on a white background.

Color Contrast Check

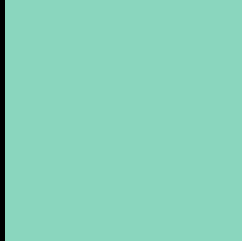
Large Text (above 18pt) WCAG AA × Fail

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, 183, 214 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

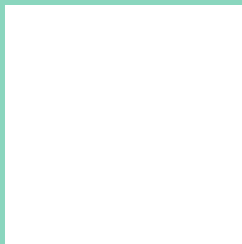
Any Text WCAG AAA ✓ Pass

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

RYB 138, 183, 214 Background



This preview shows how black text looks on a background with the RYB color 138, 183, 214.



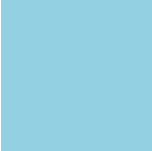
This preview shows how white text looks on a background with the RYB color 138, 183, 214.

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
146, 181, 226

Trichromacy



Original Color

138, 183, 214



Protanomaly

181, 201, 204



Deuteranomaly

190, 198, 200



Tritanomaly

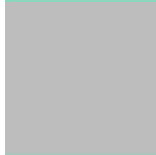
143, 177, 213

Monochromacy



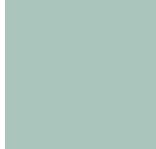
Original Color

138, 183, 214



Achromatopsia

189, 189, 189



Achromatomaly

170, 187, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 183, 214 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, 214, 190)` looks like.

```
.text, #text, p{  
    color:rgb(138, 214, 190)  
}
```

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, 214, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 214, 190) }
```

Border

The CSS property to change the border of an element to RYB 138, 183, 214 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, 214, 190) }
```

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

```
.border{ border-color:rgb(138, 214, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 214, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 214, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 214, 190);  
box-shadow:4px 4px 4px 4px rgb(138, 214,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 138, 183, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 214, 190) }
```

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

```
.background{ background-color: rgb(138,  
214, 190) }
```

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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