

Converting Colors

`RYB(138, 218, 218)`

Have a look what the booklet for
RYB(138, 218, 218) contains.

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Color

R_YB(138, 218, 218)

Conversions

Conversions Part 1

Format	Color
Hex	8ADA8A
RGB	138, 218, 138
RGB Percent	54%, 85%, 54%
CMY	0.4588, 0.1451, 0.4588
CMYK	0.37, 0.00, 0.37, 0.15
HSL	120°, 52%, 70%
HSV	120°, 37%, 85%
XYZ	40.1401, 57.3811, 33.0048
YIQ	184.9600, -22.0000, -41.8400

Conversions

Conversions Part 2

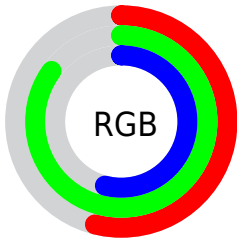
Format	Color
RYB	138, 218, 218
Decimal	9099914
CIELab	80.39, -40.36, 31.85
CIELCh	80, 51.409, 141.723
Yxy	57.3811, 0.3075, 0.4396
Android (android.graphics.Color)	4287289994 (0xFF8ADA8A)
YUV	184.9600, -23.1513, -41.1839
Hunter-Lab	75.7503, -37.9758, 27.1922

Details

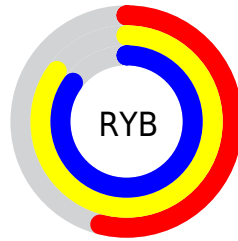
The RYB color **138, 218, 218** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **218, 138, 218**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **192, 255, 253**, and **84, 159, 162** is the 20% darker color. If you saturate the color by 10%, you get **116, 218, 218**, and if you desaturate by 10%, it is **160, 218, 218**.

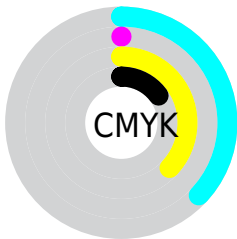
Distribution



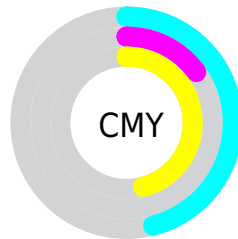
- Red (54%)
- Green (85%)
- Blue (54%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (37%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 138, 218, 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 RYB color 138, 218, 218 by changing the saturation by 10% instead.

 138, 218, 218


255, 255, 255


 192, 255, 253


 220, 255, 252

 249, 255, 252

 138, 218, 218


 111, 189, 190

 84, 159, 162

 56, 130, 136

 25, 98, 110

 0, 72, 85

 0, 61, 61

 0, 40, 40

 0, 3, 3

 0, 0, 0

 138, 218, 218

 138, 218, 218

 116, 218, 218

 160, 218, 218

 94, 218, 218

 182, 218, 218

 73, 218, 218

 203, 218, 218

 51, 218, 218

 225, 218, 225

 29, 218, 218

 247, 218, 247

 7, 218, 218

 255, 218, 255

 0, 218, 218

Harmonies

Analogous

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



107, 207, 120



138, 218, 218



57, 152, 224

Triad

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



138, 218, 218



88, 158, 255



255, 162, 166

Complementary

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



138, 218, 218



218, 138, 218

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, 161, 215



138, 218, 218



183, 191, 255

Square

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



138, 218, 218



0, 118, 255



246, 174, 255



255, 205, 126

Rectangle

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



138, 218, 218



0, 114, 224



246, 174, 255



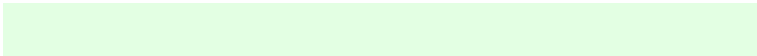
255, 160, 182

Sweetspot

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



138, 218, 218



227, 255, 255



138, 218, 138



111, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



138, 218, 218



143, 255, 255



138, 191, 218



99, 110, 110



0, 173, 173



0, 46, 46

Inverse Universe

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



218, 138, 218



255, 143, 255



218, 138, 178



110, 99, 110



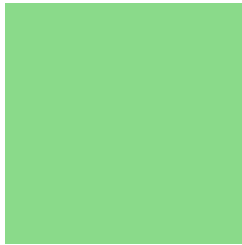
173, 0, 173



46, 0, 46

Previews

White Background



This preview shows how the RYB color 138, 218, 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 RYB color 138, 218, 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](#).

RYB 138, 218, 218 Background



This preview shows how black text looks on a background with the RYB color 138, 218, 218.



This preview shows how white text looks on a background with the RYB color 138, 218, 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](#).

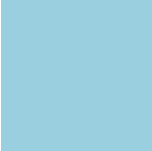
Dichromacy



Original Color
138, 218, 218

Protanopia
153, 216, 130

Deuteranopia
233, 235, 144



Tritanopia
154, 184, 224

Trichromacy



Original Color

138, 218, 218



Protanomaly

133, 205, 150



Deuteranomaly

142, 200, 142



Tritanomaly

148, 186, 212

Monochromacy



Original Color

138, 218, 218



Achromatopsia

185, 185, 185



Achromatomaly

168, 197, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 138, 218, 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(138, 218, 138)` looks like.

```
.text, #text, p{  
    color:rgb(138, 218, 138)  
}
```

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, 218, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 218, 138) }
```

Border

The CSS property to change the border of an element to RYB 138, 218, 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(138, 218, 138) }
```

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

```
.border{ border-color:rgb(138, 218, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 218, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 218, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 218, 138);  
box-shadow:4px 4px 4px 4px rgb(138, 218,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 138, 218, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 218, 138) }
```

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

```
.background{ background-color: rgb(138,  
218, 138) }
```

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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