

Converting Colors

`RYB(118, 214, 190)`

Have a look what the booklet for
RYB(118, 214, 190) contains.

RYB(118, 214, 190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(118, 214, 190)

Conversions

Conversions Part 1

Format	Color
Hex	8ED676
RGB	142, 214, 118
RGB Percent	56%, 84%, 46%
CMY	0.4431, 0.1608, 0.5373
CMYK	0.34, 0.00, 0.45, 0.16
HSL	105°, 54%, 65%
HSV	105°, 45%, 84%
XYZ	38.4719, 55.1519, 25.7572
YIQ	181.5280, -12.0960, -45.1200

Conversions

Conversions Part 2

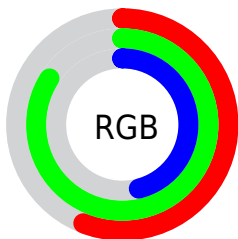
Format	Color
RYB	118, 214, 190
Decimal	9361014
CIELab	79.13, -40.18, 40.32
CIELCh	79, 56.922, 134.896
Yxy	55.1519, 0.3223, 0.4620
Android (android.graphics.Color)	4287551094 (0xFF8ED676)
YUV	181.5280, -31.3193, -34.6661
Hunter-Lab	74.2643, -37.4924, 31.4214

Details

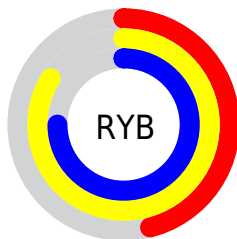
The RYB color **118, 214, 190** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **190, 118, 214**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **172, 255, 229**, and **67, 159, 138** is the 20% darker color. If you saturate the color by 10%, you get **97, 214, 185**, and if you desaturate by 10%, it is **139, 214, 195**.

Distribution



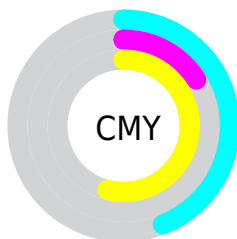
- Red (56%)
- Green (84%)
- Blue (46%)



- Red (46%)
- Yellow (84%)
- Blue (75%)



- Cyan (34%)
- Magenta (0%)
- Yellow (45%)
- Black (16%)



- Cyan (44%)
- Magenta (16%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 118, 214, 190 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 118, 214, 190 by changing the saturation by 10% instead.

 118, 214, 190


255, 255, 255


 172, 255, 229


 199, 255, 227

 228, 255, 228


 118, 214, 190

 92, 186, 163

 67, 159, 138

 42, 132, 114

 15, 106, 90

 0, 82, 82

 0, 58, 58

 0, 38, 38

 0, 0, 0

 118, 214, 190

 118, 214, 190

■ 97, 214, 185

■ 139, 214, 195

■ 75, 214, 179

■ 161, 214, 201

■ 54, 214, 174

■ 182, 214, 206

■ 32, 214, 168

■ 204, 214, 212

■ 11, 214, 163

■ 222, 214, 225

■ 0, 214, 160

■ 238, 214, 246

■ 254, 214, 255

■ 255, 214, 255

Harmonies

Analogous

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



90, 202, 89



118, 214, 190



48, 150, 221

Triad

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



118, 214, 190



0, 115, 255



255, 152, 171

Complementary

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



118, 214, 190



190, 118, 214

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, 155, 225



118, 214, 190



155, 182, 255

Square

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



118, 214, 190



0, 118, 255



234, 172, 255



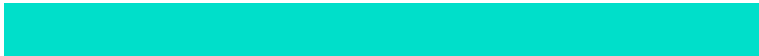
255, 182, 123

Rectangle

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



118, 214, 190



0, 117, 223



234, 172, 255



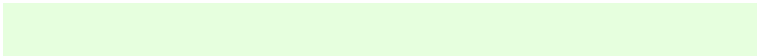
255, 151, 189

Sweetspot

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



118, 214, 190



222, 255, 247



150, 214, 118



107, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



118, 214, 190



117, 255, 220



118, 195, 214



96, 107, 104



0, 171, 128



0, 43, 32

Inverse Universe

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



190, 118, 214



221, 117, 255



214, 118, 190



104, 96, 107



128, 0, 171



33, 0, 43

Previews

White Background



This preview shows how the RYB color 118, 214, 190 looks on a white background.

Color Contrast Check

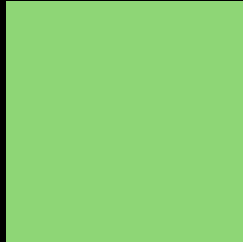
Large Text (above 18pt) WCAG AA × Fail

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 118, 214, 190 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 118, 214, 190 Background



This preview shows how black text looks on a background with the RYB color 118, 214, 190.



This preview shows how white text looks on a background with the RYB color 118, 214, 190.

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](#).

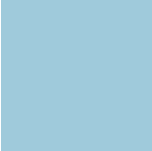
Dichromacy



Original Color
118, 214, 190

Protanopia
134, 214, 111

Deuteranopia
213, 235, 125



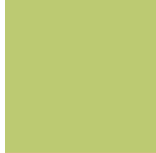
Tritanopia
159, 184, 219

Trichromacy



Original Color

118, 214, 190



Protanomaly

114, 202, 128



Deuteranomaly

127, 201, 122



Tritanomaly

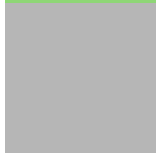
153, 187, 206

Monochromacy



Original Color

118, 214, 190



Achromatopsia

182, 182, 182



Achromatomaly

159, 194, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 118, 214, 190 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(142, 214, 118)` looks like.

```
.text, #text, p{  
    color:rgb(142, 214, 118)  
}
```

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(142, 214, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 214, 118) }
```

Border

The CSS property to change the border of an element to RYB 118, 214, 190 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(142, 214, 118) }
```

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

```
.border{ border-color:rgb(142, 214, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 214, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 214, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 214, 118);  
box-shadow:4px 4px 4px 4px rgb(142, 214,  
118) }
```

Background

The CSS property to change the background color of an element to RYB 118, 214, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 214, 118) }
```

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

```
.background{ background-color: rgb(142,  
214, 118) }
```

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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