

Converting Colors

`RYB(98, 232, 190)`

Have a look what the booklet for
RYB(98, 232, 190) contains.

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Color

R_YB(98, 232, 190)

Conversions

Conversions Part 1

Format	Color
Hex	8CE862
RGB	140, 232, 98
RGB Percent	55%, 91%, 38%
CMY	0.4510, 0.0902, 0.6157
CMYK	0.40, 0.00, 0.58, 0.09
HSL	101°, 74%, 65%
HSV	101°, 58%, 91%
XYZ	41.8764, 64.1705, 21.7343
YIQ	189.2160, -11.8180, -61.1780

Conversions

Conversions Part 2

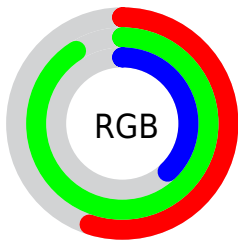
Format	Color
RYB	98, 232, 190
Decimal	9234530
CIELab	84.05, -50.81, 55.62
CIELCh	84, 75.333, 132.408
Yxy	64.1705, 0.3277, 0.5022
Android (android.graphics.Color)	4287424610 (0xFF8CE862)
YUV	189.2160, -44.9695, -43.1624
Hunter-Lab	80.1065, -46.8738, 39.9881

Details

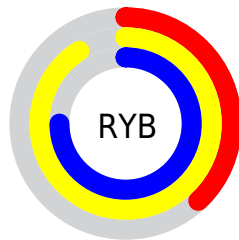
The RYB color **98, 232, 190** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **190, 98, 232**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **152, 255, 209**, and **43, 176, 137** is the 20% darker color. If you saturate the color by 10%, you get **75, 232, 183**, and if you desaturate by 10%, it is **121, 232, 197**.

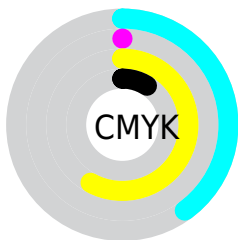
Distribution



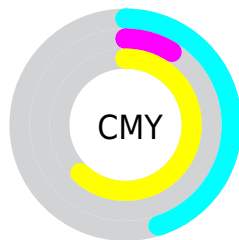
- Red (55%)
- Green (91%)
- Blue (38%)



- Red (38%)
- Yellow (91%)
- Blue (75%)



- Cyan (40%)
- Magenta (0%)
- Yellow (58%)
- Black (9%)



- Cyan (45%)
- Magenta (9%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 98, 232, 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 98, 232, 190 by changing the saturation by 10% instead.


 98, 232, 190

 98, 232, 190

255, 255, 255

 71, 203, 163

 152, 255, 209

 43, 176, 137


 180, 255, 207

 5, 148, 102

 209, 255, 209

 0, 122, 118

 238, 255, 238

 0, 96, 96

 0, 71, 71

 0, 49, 49


 0, 23, 23

 0, 0, 0

 98, 232, 190

 98, 232, 190

 75, 232, 183

 121, 232, 197


 52, 232, 176

 144, 232, 204

 28, 232, 168

 168, 232, 212

 5, 232, 161

 191, 232, 219

 0, 232, 159

 214, 232, 226

 236, 232, 237

 251, 232, 255

 255, 232, 255

Harmonies

Analogous

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



59, 219, 55



98, 232, 190



0, 143, 241

Triad

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



98, 232, 190



0, 121, 255



255, 144, 183

Complementary

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



98, 232, 190



190, 98, 232

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, 151, 254



98, 232, 190



126, 176, 255

Square

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



98, 232, 190



0, 124, 255



251, 178, 255



255, 184, 117

Rectangle

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



98, 232, 190



0, 130, 244



251, 178, 255



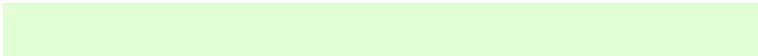
255, 143, 207

Sweetspot

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



98, 232, 190



212, 255, 242



159, 232, 98



102, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



98, 232, 190



79, 255, 200



98, 211, 232



103, 115, 111



0, 179, 123



0, 51, 35

Inverse Universe

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



190, 98, 232



200, 79, 255



232, 98, 207



111, 103, 115



123, 0, 179



35, 0, 51

Previews

White Background



This preview shows how the RYB color 98, 232, 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 98, 232, 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

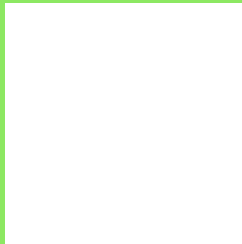
Any Text WCAG AAA ✓ Pass

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

R Y B 98, 232, 190 Background



This preview shows how black text looks on a background with the R Y B color 98, 232, 190.

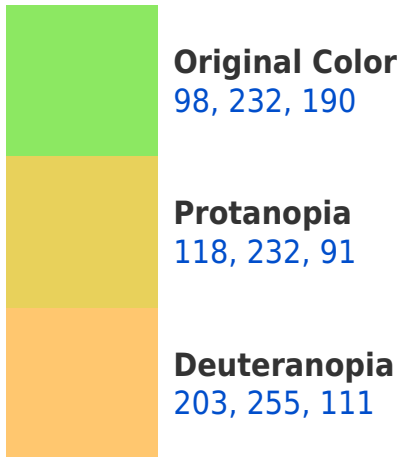


This preview shows how white text looks on a background with the R Y B color 98, 232, 190.

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





Tritanopia
163, 194, 235

Trichromacy



Original Color

98, 232, 190



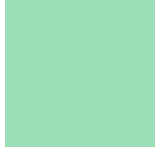
Protanomaly

94, 217, 112



Deuteranomaly

108, 213, 106



Tritanomaly

155, 202, 223

Monochromacy



Original Color

98, 232, 190



Achromatopsia

189, 189, 189



Achromatomaly

156, 205, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 232, 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(140, 232, 98)` looks like.

```
.text, #text, p{  
    color:rgb(140, 232, 98)  
}
```

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(140, 232, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 232, 98) }
```

Border

The CSS property to change the border of an element to RYB 98, 232, 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(140, 232, 98) }
```

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

```
.border{ border-color:rgb(140, 232, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 232, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 232, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 232, 98);  
box-shadow:4px 4px 4px 4px rgb(140, 232,  
98) }
```

Background

The CSS property to change the background color of an element to RYB 98, 232, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 232, 98) }
```

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

```
.background{ background-color: rgb(140,  
232, 98) }
```

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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