

Converting Colors

`RYB(98, 222, 172)`

Have a look what the booklet for
RYB(98, 222, 172) contains.

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Color

R_YB(98, 222, 172)

Conversions

Conversions Part 1

Format	Color
Hex	94DE62
RGB	148, 222, 98
RGB Percent	58%, 87%, 38%
CMY	0.4196, 0.1294, 0.6157
CMYK	0.33, 0.00, 0.56, 0.13
HSL	96°, 65%, 63%
HSV	96°, 56%, 87%
XYZ	40.5386, 59.4203, 20.8879
YIQ	185.7380, -4.3000, -54.2520

Conversions

Conversions Part 2

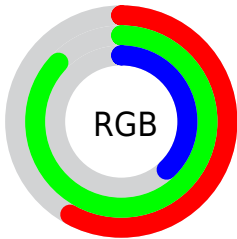
Format	Color
RYB	98, 222, 172
Decimal	9756258
CIELab	81.52, -43.99, 52.79
CIELCh	82, 68.716, 129.799
Yxy	59.4203, 0.3355, 0.4917
Android (android.graphics.Color)	4287946338 (0xFF94DE62)
YUV	185.7380, -43.2548, -33.0962
Hunter-Lab	77.0846, -41.0252, 37.8931

Details

The RYB color **98, 222, 172** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **172, 98, 222**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **152, 255, 202**, and **44, 166, 118** is the 20% darker color. If you saturate the color by 10%, you get **76, 222, 163**, and if you desaturate by 10%, it is **120, 222, 181**.

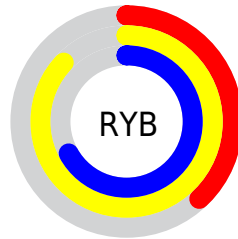
Distribution



Red (58%)

Green (87%)

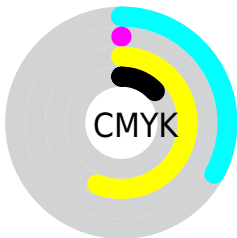
Blue (38%)



Red (38%)

Yellow (87%)

Blue (67%)

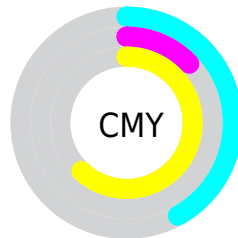


Cyan (33%)

Magenta (0%)

Yellow (56%)

Black (13%)



Cyan (42%)

















Magenta (13%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the RYB color 98, 222, 172 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, 222, 172 by changing the saturation by 10% instead.

 98, 222, 172	 98, 222, 172
 255, 255, 255	 71, 194, 145
 152, 255, 202	 44, 166, 118
 180, 255, 200	 11, 140, 87
 208, 255, 208	 0, 114, 81
 237, 255, 237	 0, 88, 88
	 0, 64, 64
	 0, 43, 43
	 0, 10, 10
	 0, 0, 0

■ 98, 222, 172

■ 98, 222, 172

■ 76, 222, 163

■ 120, 222, 181

■ 54, 222, 154

■ 142, 222, 190

■ 31, 222, 145

■ 165, 222, 199

■ 9, 222, 136

■ 187, 222, 208

■ 0, 222, 132

■ 209, 222, 217

■ 227, 222, 231

■ 241, 222, 253

■ 254, 222, 255

■ 255, 222, 255

Harmonies

Analogous

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



78, 218, 65



98, 222, 172



0, 138, 231

Triad

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



98, 222, 172



0, 118, 255



255, 144, 184

Complementary

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



98, 222, 172



172, 98, 222

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, 152, 249



98, 222, 172



119, 171, 255

Square

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



98, 222, 172



0, 121, 255



234, 177, 255



255, 173, 123

Rectangle

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



98, 222, 172



0, 126, 234



234, 177, 255



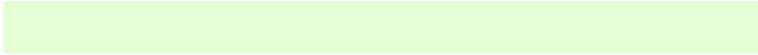
255, 144, 206

Sweetspot

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



98, 222, 172



212, 255, 238



188, 222, 98



102, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



98, 222, 172



84, 255, 186



98, 213, 222



101, 112, 107



0, 176, 105



0, 48, 28

Inverse Universe

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



172, 98, 222



186, 84, 255



222, 98, 212



108, 101, 112



105, 0, 176



29, 0, 48

Previews

White Background



This preview shows how the RYB color 98, 222, 172 looks on a white background.

Color Contrast Check

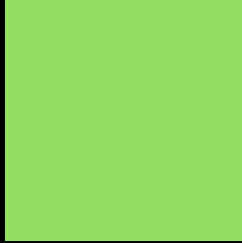
Large Text (above 18pt) WCAG AA × Fail

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, 222, 172 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 98, 222, 172 Background



This preview shows how black text looks on a background with the RYB color 98, 222, 172.

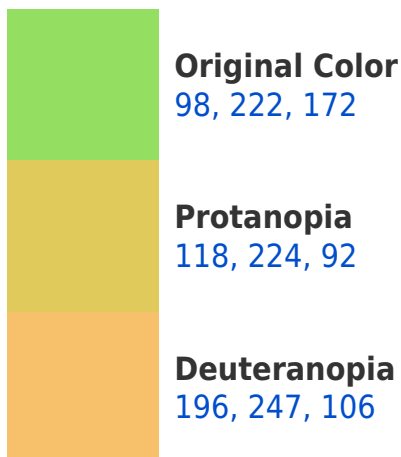


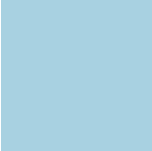
This preview shows how white text looks on a background with the RYB color 98, 222, 172.

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
168, 192, 225

Trichromacy



Original Color

98, 222, 172



Protanomaly

94, 209, 107



Deuteranomaly

112, 211, 103



Tritanomaly

161, 201, 214

Monochromacy



Original Color

98, 222, 172



Achromatopsia

186, 186, 186



Achromatomaly

154, 199, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 98, 222, 172 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(148, 222, 98)` looks like.

```
.text, #text, p{  
    color:rgb(148, 222, 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(148, 222, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 222, 98) }
```

Border

The CSS property to change the border of an element to RYB 98, 222, 172 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(148, 222, 98) }
```

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

```
.border{ border-color:rgb(148, 222, 98) }
```

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

Here you see how a box with a 4 pixel rgb(148, 222, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 222, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 222, 98);  
box-shadow:4px 4px 4px 4px rgb(148, 222,  
98) }
```

Background

The CSS property to change the background color of an element to RGB 98, 222, 172 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 222, 98) }
```

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

```
.background{ background-color: rgb(148,  
222, 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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