

Converting Colors

`RYB(126, 207, 151)`

Have a look what the booklet for
RYB(126, 207, 151) contains.

RYB(126, 207, 151)	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(126, 207, 151)

Conversions

Conversions Part 1

Format	Color
Hex	B6CF7E
RGB	182, 207, 126
RGB Percent	71%, 81%, 49%
CMY	0.2863, 0.1882, 0.5059
CMYK	0.12, 0.00, 0.39, 0.19
HSL	79°, 46%, 65%
HSV	79°, 39%, 81%
XYZ	45.3701, 56.0771, 28.1714
YIQ	190.2910, 11.1010, -30.4910

Conversions

Conversions Part 2

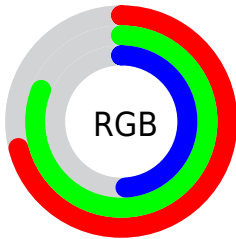
Format	Color
RYB	126, 207, 151
Decimal	11980670
CIELab	79.66, -21.55, 37.49
CIElCh	80, 43.240, 119.899
Yxy	56.0771, 0.3500, 0.4326
Android (android.graphics.Color)	4290170750 (0xFFB6CF7E)
YUV	190.2910, -31.6955, -7.2712
Hunter-Lab	74.8846, -22.9009, 30.1145

Details

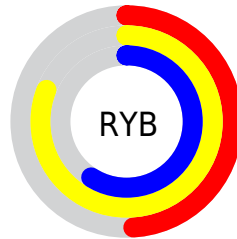
The RYB color **126, 207, 151** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **151, 126, 207**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **180, 255, 196**, and **75, 153, 100** is the 20% darker color. If you saturate the color by 10%, you get **105, 207, 136**, and if you desaturate by 10%, it is **147, 207, 166**.

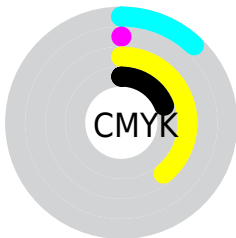
Distribution



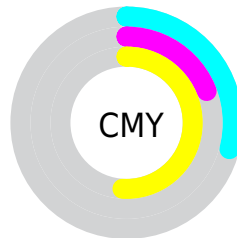
- Red (71%)
- Green (81%)
- Blue (49%)



- Red (49%)
- Yellow (81%)
- Blue (59%)



- Cyan (12%)
- Magenta (0%)
- Yellow (39%)
- Black (19%)



- Cyan (29%)
- Magenta (19%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 207, 151 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 126, 207, 151 by changing the saturation by 10% instead.

 126, 207, 151


255, 255, 255


 180, 255, 196


 208, 255, 208

 236, 255, 236

 126, 207, 151


 100, 179, 124

 75, 153, 100

 51, 127, 76

 26, 102, 52

 0, 77, 25

 0, 54, 25

 0, 33, 33

 0, 0, 0

 126, 207, 151

 126, 207, 151

 105, 207, 136

 147, 207, 166

 85, 207, 123

 167, 207, 179

 64, 207, 108

 188, 207, 194

 43, 207, 94

 208, 207, 209

 23, 207, 80

 214, 207, 230

 2, 207, 65

 220, 207, 250

 0, 207, 64

 227, 207, 255

 233, 207, 255

 240, 207, 255

Harmonies

Analogous

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



156, 224, 116



126, 207, 151



134, 198, 215

Triad

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



126, 207, 151



60, 145, 255



255, 166, 199

Complementary

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



126, 207, 151



151, 126, 207

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.



248, 173, 238



126, 207, 151



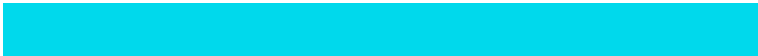
137, 178, 255

Square

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



126, 207, 151



0, 113, 236



202, 187, 255



255, 170, 159

Rectangle

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



126, 207, 151



97, 168, 218



202, 187, 255



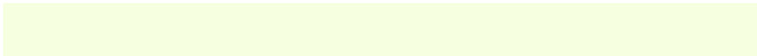
255, 167, 213

Sweetspot

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



126, 207, 151



224, 255, 233



207, 160, 126



110, 128, 116



0, 0, 0



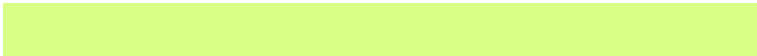
128, 128, 128

Same Dimension

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



126, 207, 151



135, 255, 172



126, 207, 191



94, 105, 98



0, 168, 52



0, 41, 13

Inverse Universe

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



151, 126, 207



172, 135, 255



191, 126, 207



97, 94, 105



52, 0, 168



13, 0, 41

Previews

White Background



This preview shows how the RYB color 126, 207, 151 looks on a white background.

Color Contrast Check

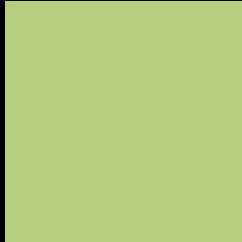
Large Text (above 18pt) WCAG AA × Fail

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 126, 207, 151 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 126, 207, 151 Background



This preview shows how black text looks on a background with the RYB color 126, 207, 151.

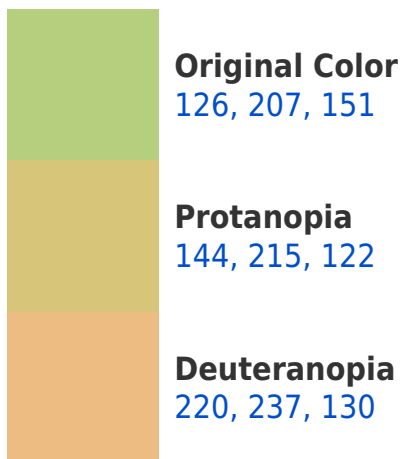


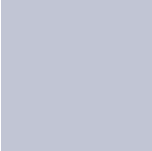
This preview shows how white text looks on a background with the RYB color 126, 207, 151.

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
193, 196, 212

Trichromacy



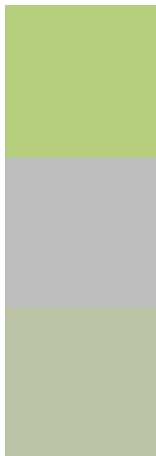
Original Color
126, 207, 151

Protanomaly
125, 203, 123

Deuteranomaly
158, 217, 129

Tritanomaly
181, 201, 193

Monochromacy



Original Color
126, 207, 151

Achromatopsia
190, 190, 190

Achromatomaly
167, 196, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 207, 151 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(182, 207, 126)` looks like.

```
.text, #text, p{  
    color:rgb(182, 207, 126)  
}
```

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(182, 207, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 207, 126) }
```

Border

The CSS property to change the border of an element to RYB 126, 207, 151 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(182, 207, 126) }
```

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

```
.border{ border-color:rgb(182, 207, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 207, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 207, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 207, 126); box-shadow:4px 4px 4px 4px rgb(182, 207, 126) }
```

Background

The CSS property to change the background color of an element to RYB 126, 207, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 207, 126) }
```

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

```
.background{ background-color: rgb(182,  
207, 126) }
```

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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