

Converting Colors

`RYB(126, 222, 136)`

Have a look what the booklet for
RYB(126, 222, 136) contains.

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Color

`RYB(126, 222, 136)`

Conversions

Conversions Part 1

Format	Color
Hex	D4DE7E
RGB	212, 222, 126
RGB Percent	83%, 87%, 49%
CMY	0.1686, 0.1294, 0.5059
CMYK	0.05, 0.00, 0.43, 0.13
HSL	66°, 59%, 68%
HSV	66°, 43%, 87%
XYZ	57.0385, 67.7460, 29.8087
YIQ	208.0660, 24.8560, -31.9760

Conversions

Conversions Part 2

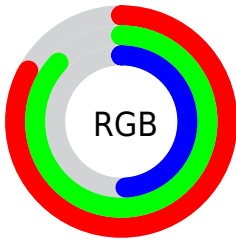
Format	Color
RYB	126, 222, 136
Decimal	13950590
CIELab	85.88, -17.39, 45.79
CIElCh	86, 48.981, 110.799
Yxy	67.7460, 0.3690, 0.4382
Android (android.graphics.Color)	4292140670 (0xFFD4DE7E)
YUV	208.0660, -40.4585, 3.4501
Hunter-Lab	82.3079, -20.3402, 36.1431

Details

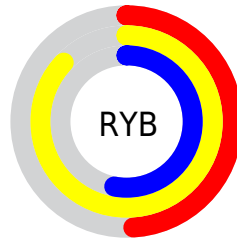
The RYB color **126, 222, 136** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **136, 126, 222**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **180, 255, 180**, and **74, 167, 85** is the 20% darker color. If you saturate the color by 10%, you get **104, 222, 116**, and if you desaturate by 10%, it is **148, 222, 156**.

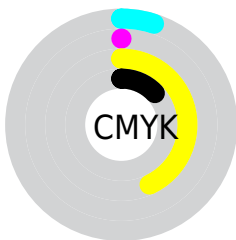
Distribution



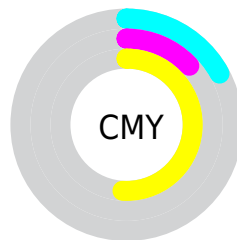
- Red (83%)
- Green (87%)
- Blue (49%)



- Red (49%)
- Yellow (87%)
- Blue (53%)



- Cyan (5%)
- Magenta (0%)
- Yellow (43%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 222, 136 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, 222, 136 by changing the saturation by 10% instead.

 126, 222, 136


255, 255, 255


 180, 255, 180


 208, 255, 208


 237, 255, 237

 126, 222, 136


 100, 194, 110

 74, 167, 85

 49, 141, 61

 22, 115, 35

 0, 91, 15

 0, 67, 15

 0, 45, 18

 0, 26, 26

 0, 0, 0

 126, 222, 136

 126, 222, 136

 104, 222, 116

 148, 222, 156

 82, 222, 97

 170, 222, 175

 59, 222, 76

 193, 222, 196

 37, 222, 56

 215, 222, 216

 15, 222, 37

 224, 222, 237

 0, 222, 23

 226, 222, 255

 228, 222, 255

 231, 222, 255

 233, 222, 255

Harmonies

Analogous

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



198, 255, 123



126, 222, 136



154, 233, 229

Triad

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



126, 222, 136



0, 122, 255



255, 179, 231

Complementary

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



126, 222, 136



136, 126, 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, 191, 255



126, 222, 136



115, 176, 255

Square

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



126, 222, 136



0, 121, 246



198, 207, 255



255, 179, 184

Rectangle

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



126, 222, 136



117, 194, 237



198, 207, 255



255, 182, 246

Sweetspot

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



126, 222, 136



222, 255, 225



222, 137, 126



107, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



126, 222, 136



122, 255, 136



126, 222, 184



101, 112, 102



0, 176, 18



0, 48, 5

Inverse Universe

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



136, 126, 222



136, 122, 255



184, 126, 222



102, 101, 112



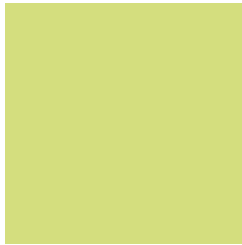
18, 0, 176



5, 0, 48

Previews

White Background



This preview shows how the RYB color 126, 222, 136 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, 222, 136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

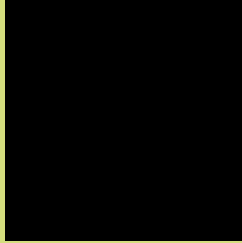
Any Text WCAG AA ✓ Pass

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](#).

RYP 126, 222, 136 Background



This preview shows how black text looks on a background with the RYP color 126, 222, 136.

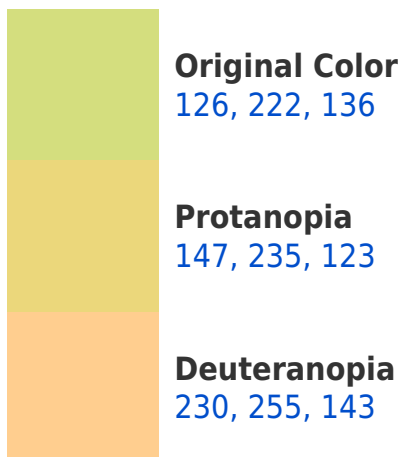


This preview shows how white text looks on a background with the RYP color 126, 222, 136.

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](#).

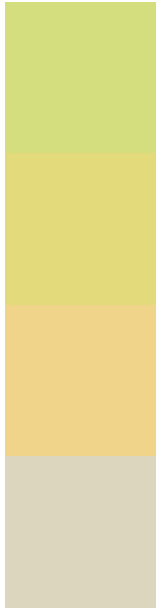
Dichromacy





Tritanopia
224, 210, 227

Trichromacy



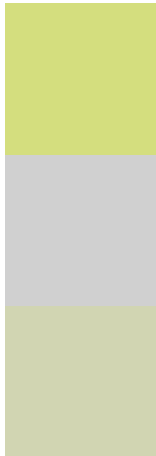
Original Color
126, 222, 136

Protanomaly
134, 227, 124

Deuteranomaly
174, 239, 137

Tritanomaly
198, 220, 190

Monochromacy



Original Color
126, 222, 136

Achromatopsia
208, 208, 208

Achromatomaly
178, 213, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 222, 136 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(212, 222, 126)` looks like.

```
.text, #text, p{  
    color:rgb(212, 222, 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(212, 222, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 222, 126) }
```

Border

The CSS property to change the border of an element to RYB 126, 222, 136 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(212, 222, 126) }
```

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

```
.border{ border-color:rgb(212, 222, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 222, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 222, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 222, 126);  
box-shadow:4px 4px 4px 4px rgb(212, 222,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 126, 222, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 222, 126) }
```

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

```
.background{ background-color: rgb(212,  
222, 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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