

Converting Colors

`RYB(126, 228, 207)`

Have a look what the booklet for
RYB(126, 228, 207) contains.

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Color

R_YB(126, 228, 207)

Conversions

Conversions Part 1

Format	Color
Hex	93E47E
RGB	147, 228, 126
RGB Percent	58%, 89%, 49%
CMY	0.4235, 0.1059, 0.5059
CMYK	0.36, 0.00, 0.45, 0.11
HSL	108°, 65%, 69%
HSV	108°, 45%, 89%
XYZ	43.5419, 63.1962, 29.6419
YIQ	192.1530, -15.5340, -48.8940

Conversions

Conversions Part 2

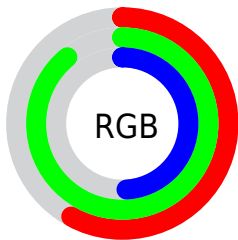
Format	Color
RYB	126, 228, 207
Decimal	9692286
CIELab	83.55, -43.63, 42.01
CIELCh	84, 60.568, 136.087
Yxy	63.1962, 0.3193, 0.4634
Android (android.graphics.Color)	4287882366 (0xFF93E47E)
YUV	192.1530, -32.6134, -39.5992
Hunter-Lab	79.4960, -41.3493, 33.5396

Details

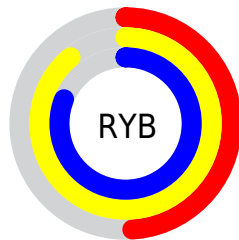
The RYB color **126, 228, 207** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **207, 126, 228**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **180, 255, 231**, and **75, 172, 155** is the 20% darker color. If you saturate the color by 10%, you get **103, 228, 202**, and if you desaturate by 10%, it is **149, 228, 212**.

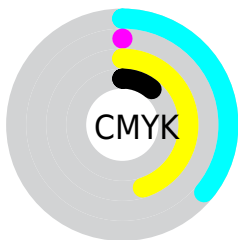
Distribution



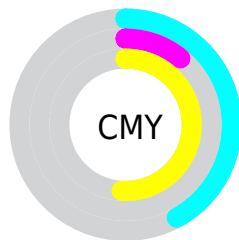
- Red (58%)
- Green (89%)
- Blue (49%)



- Red (49%)
- Yellow (89%)
- Blue (81%)



- Cyan (36%)
- Magenta (0%)
- Yellow (45%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 228, 207 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, 228, 207 by changing the saturation by 10% instead.

 126, 228, 207

255, 255, 255


 180, 255, 231


 208, 255, 230


 237, 255, 237

 126, 228, 207


 100, 200, 181

 75, 172, 155

 49, 145, 130

 23, 119, 109

 0, 93, 93

 0, 69, 69

 0, 46, 46

 0, 21, 21

 0, 0, 0

■ 126, 228, 207

■ 126, 228, 207

■ 103, 228, 202

■ 149, 228, 212

■ 80, 228, 197

■ 172, 228, 217

■ 58, 228, 193

■ 194, 228, 221

■ 35, 228, 188

■ 217, 228, 226

■ 12, 228, 184

■ 238, 228, 240

■ 0, 228, 181

■ 255, 228, 255

Harmonies

Analogous

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



94, 215, 97



126, 228, 207



35, 151, 235

Triad

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



126, 228, 207



0, 119, 255



255, 161, 180

Complementary

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



126, 228, 207



207, 126, 228

Split Complementary

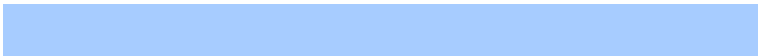
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 163, 237



126, 228, 207



167, 193, 255

Square

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



126, 228, 207



0, 122, 255



252, 181, 255



255, 203, 128

Rectangle

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



126, 228, 207



0, 123, 237



252, 181, 255



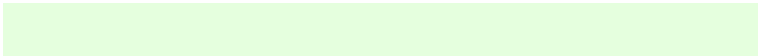
255, 159, 199

Sweetspot

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



126, 228, 207



222, 255, 248



154, 228, 126



107, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



126, 228, 207



117, 255, 226



126, 205, 228



103, 115, 112



0, 179, 142



0, 51, 41

Inverse Universe

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



207, 126, 228



227, 117, 255



228, 126, 199



112, 103, 115



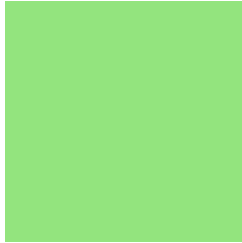
142, 0, 179



41, 0, 51

Previews

White Background



This preview shows how the RYB color 126, 228, 207 looks on a white background.

Color Contrast Check

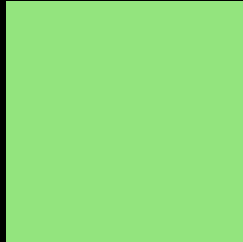
Large Text (above 18pt) WCAG AA × Fail

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, 228, 207 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, 228, 207 Background



This preview shows how black text looks on a background with the RYB color 126, 228, 207.

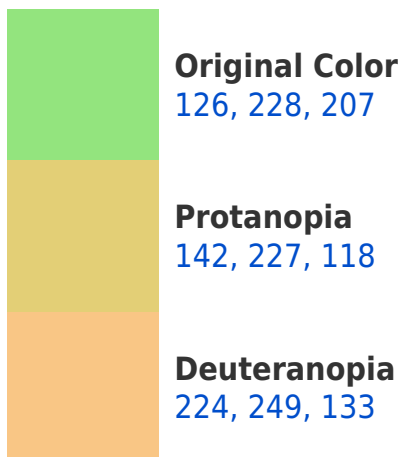



This preview shows how white text looks on a background with the RYB color 126, 228, 207.

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
166, 195, 233

Trichromacy



Original Color

126, 228, 207



Protanomaly

121, 215, 138



Deuteranomaly

133, 212, 130



Tritanomaly

159, 198, 220

Monochromacy



Original Color

126, 228, 207



Achromatopsia

192, 192, 192



Achromatomaly

168, 205, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 126, 228, 207 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(147, 228, 126) looks like.

```
.text, #text, p{  
    color:rgb(147, 228, 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(147, 228, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 228, 126) }
```

Border

The CSS property to change the border of an element to RYB 126, 228, 207 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(147, 228, 126) }
```

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

```
.border{ border-color:rgb(147, 228, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 228, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 228, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 228, 126);  
box-shadow:4px 4px 4px 4px rgb(147, 228,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 126, 228, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 228, 126) }
```

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

```
.background{ background-color: rgb(147,  
228, 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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