

Converting Colors

`RYB(126, 192, 183)`

Have a look what the booklet for
RYB(126, 192, 183) contains.

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Color

R_YB(126, 192, 183)

Conversions

Conversions Part 1

Format	Color
Hex	87C07E
RGB	135, 192, 126
RGB Percent	53%, 75%, 49%
CMY	0.4706, 0.2471, 0.5059
CMYK	0.30, 0.00, 0.34, 0.25
HSL	112°, 34%, 62%
HSV	112°, 34%, 75%
XYZ	32.6072, 44.3565, 26.5817
YIQ	167.4330, -12.7860, -32.6100

Conversions

Conversions Part 2

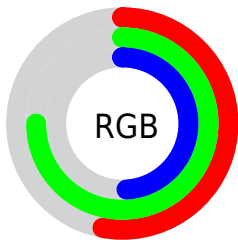
Format	Color
RYB	126, 192, 183
Decimal	8896638
CIELab	72.47, -31.30, 27.53
CIELCh	72, 41.682, 138.665
Yxy	44.3565, 0.3149, 0.4284
Android (android.graphics.Color)	4287086718 (0xFF87C07E)
YUV	167.4330, -20.4265, -28.4437
Hunter-Lab	66.6007, -29.1589, 22.9566

Details

The RYB color **126, 192, 183** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **183, 126, 192**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **179, 249, 238**, and **76, 138, 131** is the 20% darker color. If you saturate the color by 10%, you get **107, 192, 181**, and if you desaturate by 10%, it is **145, 192, 185**.

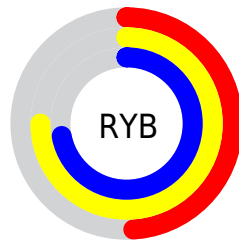
Distribution



Red (53%)

Green (75%)

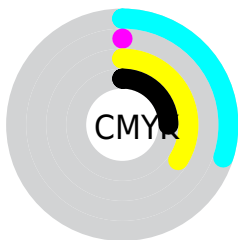
Blue (49%)



Red (49%)

Yellow (75%)

Blue (72%)

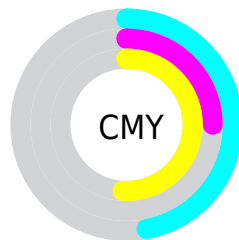


Cyan (30%)

Magenta (0%)

Yellow (34%)

Black (25%)



Cyan (47%)

Magenta (25%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 192, 183 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, 192, 183 by changing the saturation by 10% instead.

 126, 192, 183


255, 255, 255


 179, 249, 238


 207, 255, 244

 235, 255, 243

 126, 192, 183

 101, 165, 157

 76, 138, 131

 53, 112, 108

 30, 88, 87

 0, 59, 64


 0, 41, 41

 0, 16, 16


 0, 0, 0

 126, 192, 183


 126, 192, 183

 107, 192, 181


 145, 192, 185


 88, 192, 178


 164, 192, 188


 68, 192, 175


 184, 192, 191

 49, 192, 172

 201, 192, 203


 30, 192, 170

 218, 192, 222

 11, 192, 167

 234, 192, 241

 0, 192, 166

 251, 192, 255

 255, 192, 255

Harmonies

Analogous

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



104, 183, 109



126, 192, 183



83, 151, 197

Triad

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



126, 192, 183



92, 151, 252



252, 148, 155

Complementary

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



126, 192, 183



183, 126, 192

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.



242, 149, 194



126, 192, 183



160, 171, 250

Square

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



126, 192, 183



0, 106, 234



211, 159, 228



241, 172, 122

Rectangle

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



126, 192, 183



34, 119, 198



211, 159, 228



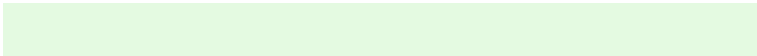
251, 148, 168

Sweetspot

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



126, 192, 183



225, 250, 247



138, 192, 126



110, 125, 123



252, 252, 252



125, 125, 125

Same Dimension

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



126, 192, 183



147, 250, 236



126, 175, 192



87, 97, 95



0, 161, 139



0, 33, 28

Inverse Universe

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



183, 126, 192



236, 147, 250



192, 126, 169



96, 87, 97



139, 0, 161



29, 0, 33

Previews

White Background



This preview shows how the RYB color 126, 192, 183 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, 192, 183 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, 192, 183 Background



This preview shows how black text looks on a background with the RYB color 126, 192, 183.

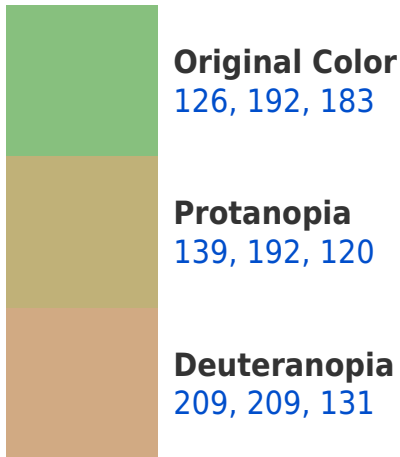


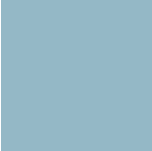
This preview shows how white text looks on a background with the RYB color 126, 192, 183.

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
148, 169, 198

Trichromacy



Original Color

126, 192, 183

Protanomaly

122, 182, 133

Deuteranomaly

133, 182, 129

Tritanomaly

143, 169, 186

Monochromacy



Original Color

126, 192, 183

Achromatopsia

167, 167, 167

Achromatomaly

152, 176, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 192, 183 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(135, 192, 126)` looks like.

```
.text, #text, p{  
    color:rgb(135, 192, 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(135, 192, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 192, 126) }
```

Border

The CSS property to change the border of an element to RYB 126, 192, 183 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(135, 192, 126) }
```

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

```
.border{ border-color:rgb(135, 192, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 192, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 192, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 192, 126);  
box-shadow:4px 4px 4px 4px rgb(135, 192,  
126) }
```

Background

The CSS property to change the background color of an element to RYB 126, 192, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 192, 126) }
```

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

```
.background{ background-color: rgb(135,  
192, 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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