

Converting Colors

`RYB(126, 168, 183)`

Have a look what the booklet for
RYB(126, 168, 183) contains.

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Color

R_YB(126, 168, 183)

Conversions

Conversions Part 1

Format	Color
Hex	7EB792
RGB	126, 183, 146
RGB Percent	49%, 72%, 57%
CMY	0.5059, 0.2824, 0.4261
CMYK	0.31, 0.00, 0.20, 0.28
HSL	141°, 28%, 61%
HSV	141°, 31%, 72%
XYZ	30.7538, 40.3890, 33.5150
YIQ	161.7390, -22.0950, -23.5910

Conversions

Conversions Part 2

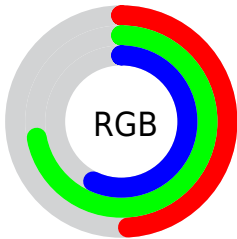
Format	Color
RYB	126, 168, 183
Decimal	8304530
CIELab	69.75, -26.33, 12.80
CIELCh	70, 29.279, 154.078
Yxy	40.3890, 0.2939, 0.3859
Android (android.graphics.Color)	4286494610 (0xFF7EB792)
YUV	161.7390, -7.7593, -31.3431
Hunter-Lab	63.5524, -24.8382, 13.2195

Details

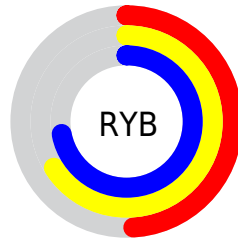
The RYB color **126, 168, 183** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **183, 126, 163**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **180, 224, 239**, and **75, 115, 130** is the 20% darker color. If you saturate the color by 10%, you get **108, 163, 183**, and if you desaturate by 10%, it is **144, 173, 183**.

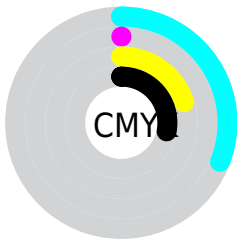
Distribution



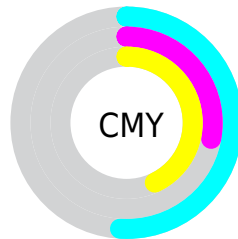
- Red (49%)
- Green (72%)
- Blue (57%)



- Red (49%)
- Yellow (66%)
- Blue (72%)



- Cyan (31%)
- Magenta (0%)
- Yellow (20%)
- Black (28%)



- Cyan (51%)
- Magenta (28%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 126, 168, 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, 168, 183 by changing the saturation by 10% instead.

 126, 168, 183


255, 255, 255


 180, 224, 239


 208, 241, 255

 237, 246, 255

 126, 168, 183

 100, 141, 156

 75, 115, 130

 50, 88, 104


 24, 63, 80

 0, 37, 56


 0, 32, 35


 0, 0, 0

 126, 168, 183


 108, 163, 183


 126, 168, 183

 144, 173, 183

 89, 158, 183


 163, 178, 183

 71, 154, 183


 181, 182, 183

 53, 149, 183

 199, 183, 193

 35, 144, 183

 218, 183, 205

 16, 139, 183

 236, 183, 217

 0, 135, 183

 254, 183, 229

 255, 183, 240

 255, 183, 252

Harmonies

Analogous

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



126, 178, 147



126, 168, 183



98, 145, 185

Triad

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



126, 168, 183



141, 163, 223



222, 155, 142

Complementary

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



126, 168, 183



183, 126, 163

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.



222, 151, 168



126, 168, 183



179, 162, 214

Square

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



126, 168, 183



104, 149, 217



207, 154, 194



209, 191, 123

Rectangle

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



126, 168, 183



87, 137, 191



207, 154, 194



224, 152, 150

Sweetspot

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



126, 168, 183



216, 232, 237



126, 183, 146



107, 117, 120



247, 247, 247



120, 120, 120

Same Dimension

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



126, 168, 183



149, 214, 237



126, 157, 183



83, 90, 92



0, 115, 156



0, 21, 28

Inverse Universe

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



183, 126, 163



237, 149, 206



183, 126, 135



92, 83, 89



156, 0, 100



28, 0, 18

Previews

White Background



This preview shows how the RYB color 126, 168, 183 looks on a white background.

Color Contrast Check

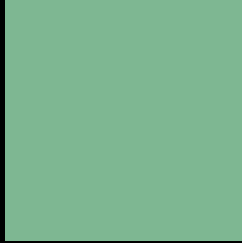
Large Text (above 18pt) WCAG AA × Fail

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, 168, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

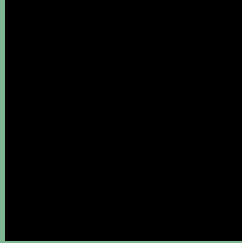
Any Text WCAG AA ✓ Pass

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, 168, 183 Background



This preview shows how black text looks on a background with the RYB color 126, 168, 183.

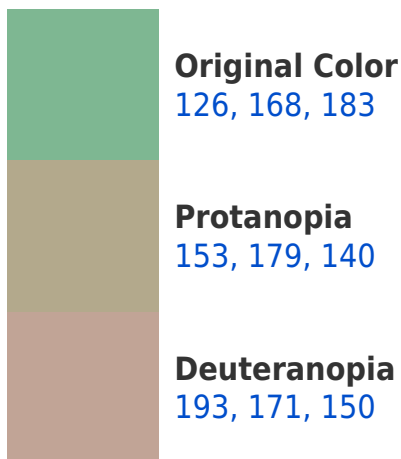


This preview shows how white text looks on a background with the RYB color 126, 168, 183.

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
135, 159, 191

Trichromacy



Original Color
126, 168, 183

Protanomaly
142, 174, 156

Deuteranomaly
149, 171, 151

Tritanomaly
132, 157, 179

Monochromacy



Original Color
126, 168, 183

Achromatopsia
162, 162, 162

Achromatomaly
149, 165, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 126, 168, 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(126, 183, 146)` looks like.

```
.text, #text, p{  
    color:rgb(126, 183, 146)  
}
```

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(126, 183, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 183, 146) }
```

Border

The CSS property to change the border of an element to RYB 126, 168, 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(126, 183, 146) }
```

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

```
.border{ border-color:rgb(126, 183, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 183, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 183, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 183, 146);  
box-shadow:4px 4px 4px 4px rgb(126, 183,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 126, 168, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 183, 146) }
```

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

```
.background{ background-color: rgb(126,  
183, 146) }
```

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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