

# Converting Colors

`RYB(126, 160, 168)`

Have a look what the booklet for  
RYB(126, 160, 168) contains.

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# Color

**`RYB(126, 160, 168)`**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EA888
RGB	126, 168, 136
RGB Percent	49%, 66%, 53%
CMY	0.5059, 0.3412, 0.4671
CMYK	0.25, 0.00, 0.19, 0.34
HSL	134°, 19%, 58%
HSV	134°, 25%, 66%
XYZ	27.0424, 34.2151, 28.4276
YIQ	151.7940, -14.7600, -18.8560

# Conversions

## Conversions Part 2

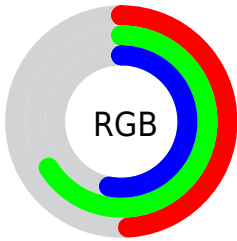
Format	Color
<a href="#">RYB</a>	<a href="#">126, 160, 168</a>
Decimal	<a href="#">8300680</a>
CIELab	<a href="#">65.13, -20.86, 12.06</a>
CIELCh	<a href="#">65, 24.090, 149.966</a>
Yxy	<a href="#">34.2151, 0.3015, 0.3815</a>
Android (android.graphics.Color)	<a href="#">4286490760 (0xFF7EA888)</a>
YUV	<a href="#">151.7940, -7.7864, -22.6213</a>
Hunter-Lab	<a href="#">58.4937, -19.8411, 12.1309</a>

# Details

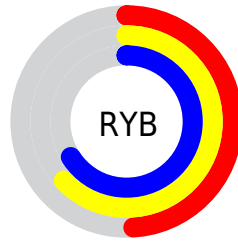
The RYB color **126, 160, 168** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **168, 126, 158**, and the grayscale version is **152, 152, 152**.

A 20% lighter version of the original color is **179, 215, 223**, and **76, 108, 116** is the 20% darker color. If you saturate the color by 10%, you get **109, 157, 168**, and if you desaturate by 10%, it is **143, 163, 168**.

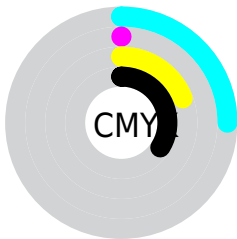
# Distribution



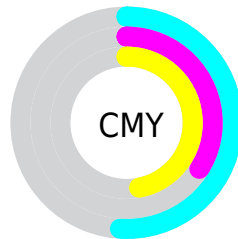
- Red (49%)
- Green (66%)
- Blue (53%)



- Red (49%)
- Yellow (63%)
- Blue (66%)



- Cyan (25%)
- Magenta (0%)
- Yellow (19%)
- Black (34%)



- Cyan (51%)
- Magenta (34%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 126, 160, 168 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, 160, 168 by changing the saturation by 10% instead.




 126, 160, 168


255, 255, 255


 179, 215, 223

 207, 244, 252

 236, 248, 255

 126, 160, 168

 100, 133, 141

 76, 108, 116

 52, 82, 91

 29, 58, 67

 4, 33, 45

 0, 26, 26


 0, 0, 0


 126, 160, 168


 109, 157, 168

 126, 160, 168


 143, 163, 168

 92, 153, 168


 160, 166, 168


 76, 151, 168


 176, 168, 174

 59, 148, 168

 193, 168, 187

 42, 144, 168


 210, 168, 200

 25, 141, 168

 227, 168, 213

 8, 137, 168

 244, 168, 226

 0, 136, 168

 255, 168, 239

 255, 168, 252

# Harmonies

## Analogous

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



120, 163, 132



126, 160, 168



104, 141, 170

# Triad

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



126, 160, 168



131, 152, 201



201, 145, 138

# Complementary

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



126, 160, 168



168, 126, 158

# 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.



200, 142, 159



126, 160, 168



161, 153, 195

# Square

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



126, 160, 168



105, 141, 195



186, 146, 180



192, 167, 121

# Rectangle

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



126, 160, 168



95, 133, 172



186, 146, 180



202, 143, 144



# Sweetspot

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



126, 160, 168



202, 216, 219



126, 168, 136



99, 108, 110



237, 237, 237



110, 110, 110



# Same Dimension

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



126, 160, 168



154, 207, 219



126, 150, 168



76, 82, 84



0, 120, 148



0, 16, 20



# Inverse Universe

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



168, 126, 158



219, 154, 204



168, 126, 137



84, 76, 82



148, 0, 113



20, 0, 16



# Previews

## White Background



This preview shows how the RYB color 126, 160, 168 looks on a white background.

## Color Contrast Check

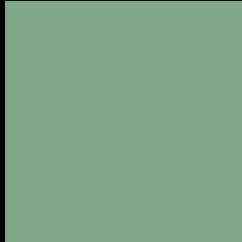
Large Text (above 18pt) WCAG AA × Fail

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, 160, 168 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

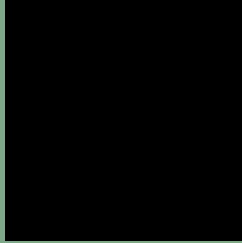
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RYB 126, 160, 168 Background



This preview shows how black text looks on a background with the RYB color 126, 160, 168.



This preview shows how white text looks on a background with the RYB color 126, 160, 168.

# 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



**Original Color**  
126, 160, 168

**Protanopia**  
143, 166, 131

**Deuteranopia**  
179, 158, 139



**Tritanopia**  
133, 151, 176

# Trichromacy



**Original Color**

126, 160, 168

**Protanomaly**

133, 161, 143

**Deuteranomaly**

140, 160, 138

**Tritanomaly**

130, 149, 165

# Monochromacy



**Original Color**

126, 160, 168

**Achromatopsia**

152, 152, 152

**Achromatomaly**

143, 156, 158

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 126, 160, 168 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, 168, 136)` looks like.

```
.text, #text, p{  
    color:rgb(126, 168, 136)  
}
```

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, 168, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 168, 136) }
```

## Border

The CSS property to change the border of an element to RYB 126, 160, 168 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, 168, 136) }
```

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

```
.border{ border-color:rgb(126, 168, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 168, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 168, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 168, 136);  
box-shadow:4px 4px 4px 4px rgb(126, 168,  
136) }
```

# Background

The CSS property to change the background color of an element to RYB 126, 160, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 168, 136) }
```

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

```
.background{ background-color: rgb(126,  
168, 136) }
```

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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