

Converting Colors

`RYB(127, 150, 166)`

Have a look what the booklet for
RYB(127, 150, 166) contains.

RYB(127, 150, 166)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(127, 150, 166)

Conversions

Conversions Part 1

Format	Color
Hex	7FA69A
RGB	127, 166, 154
RGB Percent	50%, 65%, 60%
CMY	0.5020, 0.3490, 0.3956
CMYK	0.23, 0.00, 0.07, 0.35
HSL	162°, 18%, 57%
HSV	162°, 23%, 65%
XYZ	28.2322, 34.1219, 35.7270
YIQ	152.9710, -19.3920, -12.0000

Conversions

Conversions Part 2

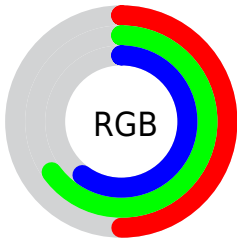
Format	Color
RYB	127, 150, 166
Decimal	8365722
CIELab	65.06, -15.78, 1.81
CIELCh	65, 15.887, 173.453
Yxy	34.1219, 0.2878, 0.3479
Android (android.graphics.Color)	4286555802 (0xFF7FA69A)
YUV	152.9710, 0.5073, -22.7766
Hunter-Lab	58.4140, -15.9531, 4.6269

Details

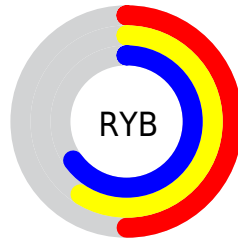
The RYB color **127, 150, 166** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **166, 127, 139**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **180, 204, 221**, and **77, 99, 114** is the 20% darker color. If you saturate the color by 10%, you get **110, 143, 166**, and if you desaturate by 10%, it is **144, 157, 166**.

Distribution



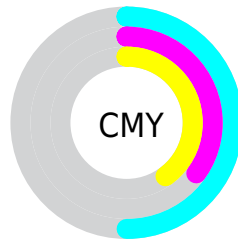
- Red (50%)
- Green (65%)
- Blue (60%)



- Red (50%)
- Yellow (59%)
- Blue (65%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (35%)




- Cyan (50%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 150, 166 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 127, 150, 166 by changing the saturation by 10% instead.

 127, 150, 166


255, 255, 255

 180, 204, 221


 208, 233, 250

 237, 246, 255

 127, 150, 166


 101, 124, 140

 77, 99, 114


 53, 74, 89

 30, 51, 66

 6, 27, 43


 0, 16, 24


 0, 0, 0


 127, 150, 166


 110, 143, 166

 127, 150, 166


 144, 157, 166


 94, 136, 166


 160, 164, 166


 77, 129, 166


 177, 166, 169


 61, 123, 166


 193, 166, 174


 44, 116, 166

 210, 166, 179

 27, 109, 166

 227, 166, 184

 11, 102, 166

 243, 166, 189

 0, 98, 166

 255, 166, 195

 255, 166, 200

Harmonies

Analogous

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



141, 164, 164



127, 150, 166



120, 144, 169

Triad

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



127, 150, 166



157, 155, 184



183, 158, 136

Complementary

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



127, 150, 166



166, 127, 139

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.



188, 148, 147



127, 150, 166



173, 151, 175

Square

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



127, 150, 166



138, 153, 186



185, 148, 162



156, 172, 130

Rectangle

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



127, 150, 166



122, 146, 177



185, 148, 162



186, 153, 139

Sweetspot

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



127, 150, 166



202, 211, 217



127, 166, 154



101, 106, 110



237, 237, 237



110, 110, 110

Same Dimension

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



127, 150, 166



156, 192, 217



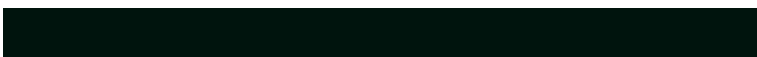
127, 145, 166



76, 81, 84



0, 87, 148



0, 12, 20

Inverse Universe

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



166, 127, 139



217, 156, 175



166, 136, 127



84, 76, 78



148, 0, 45



20, 0, 6

Previews

White Background



This preview shows how the RYB color 127, 150, 166 looks on a white background.

Color Contrast Check

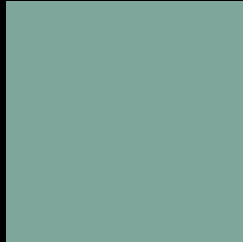
Large Text (above 18pt) WCAG AA × Fail

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 127, 150, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

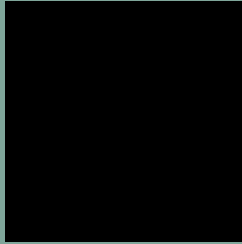
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

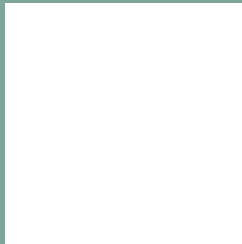
Any Text WCAG AAA ✓ Pass

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

RYB 127, 150, 166 Background



This preview shows how black text looks on a background with the RYB color 127, 150, 166.

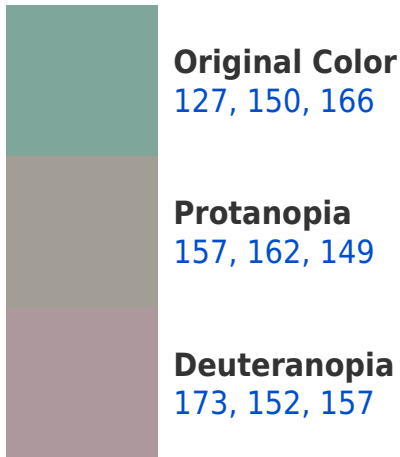


This preview shows how white text looks on a background with the RYB color 127, 150, 166.

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](#).

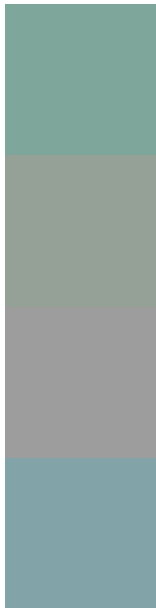
Dichromacy





Tritanopia
131, 150, 176

Trichromacy



Original Color

127, 150, 166

Protanomaly

149, 158, 160

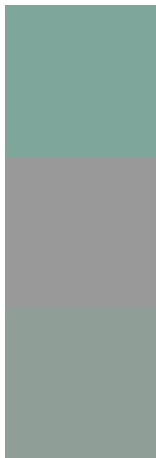
Deuteranomaly

156, 157, 157

Tritanomaly

130, 148, 168

Monochromacy



Original Color

127, 150, 166

Achromatopsia

153, 153, 153

Achromatomaly

144, 153, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 150, 166 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(127, 166, 154)` looks like.

```
.text, #text, p{  
    color:rgb(127, 166, 154)  
}
```

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(127, 166, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 166, 154) }
```

Border

The CSS property to change the border of an element to RYB 127, 150, 166 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(127, 166, 154) }
```

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

```
.border{ border-color:rgb(127, 166, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 166, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 166, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 166, 154);  
box-shadow:4px 4px 4px 4px rgb(127, 166,  
154) }
```

Background

The CSS property to change the background color of an element to RYB 127, 150, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 166, 154) }
```

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

```
.background{ background-color: rgb(127,  
166, 154) }
```

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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