

Converting Colors

`RYB(127, 148, 183)`

Have a look what the booklet for
RYB(127, 148, 183) contains.

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Color

R_YB(127, 148, 183)

Conversions

Conversions Part 1

Format	Color
Hex	7FA1B7
RGB	127, 161, 183
RGB Percent	50%, 63%, 72%
CMY	0.5020, 0.3702, 0.2824
CMYK	0.31, 0.12, 0.00, 0.28
HSL	204°, 28%, 61%
HSV	204°, 31%, 72%
XYZ	29.9747, 33.2811, 49.6438
YIQ	153.3420, -27.3260, -0.3660

Conversions

Conversions Part 2

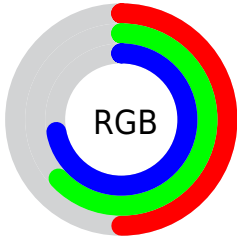
Format	Color
RYB	127, 148, 183
Decimal	8364471
CIELab	64.39, -6.16, -15.33
CIElCh	64, 16.525, 248.104
Yxy	33.2811, 0.2655, 0.2948
Android (android.graphics.Color)	4286554551 (0xFF7FA1B7)
YUV	153.3420, 14.6214, -23.1019
Hunter-Lab	57.6898, -8.2112, -10.6380

Details

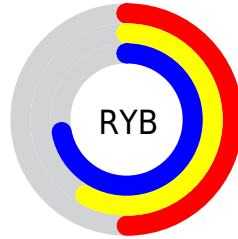
The RYB color **127, 148, 183** is a light color, and the websafe version is hex **669999**. A complement of this color would be **183, 163, 127**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **181, 203, 239**, and **76, 97, 130** is the 20% darker color. If you saturate the color by 10%, you get **109, 137, 183**, and if you desaturate by 10%, it is **145, 159, 183**.

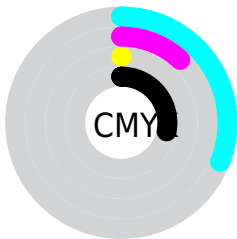
Distribution



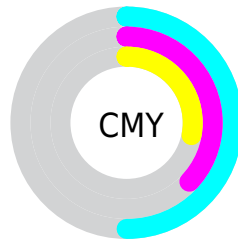
- Red (50%)
- Green (63%)
- Blue (72%)



- Red (50%)
- Yellow (58%)
- Blue (72%)



- Cyan (31%)
- Magenta (12%)
- Yellow (0%)
- Black (28%)




- Cyan (50%)
- Magenta (37%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 148, 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 127, 148, 183 by changing the saturation by 10% instead.

 127, 148, 183


255, 255, 255

 181, 202, 239

 209, 229, 255

 238, 247, 255

 127, 148, 183


 101, 122, 156

 76, 96, 130

 51, 72, 105


 26, 48, 81


 0, 24, 58

 0, 13, 36

 0, 1, 13

 0, 0, 0

 127, 148, 183

 127, 148, 183

■ 109, 137, 183

■ 145, 159, 183

■ 90, 125, 183

■ 164, 171, 183

■ 72, 114, 183

■ 182, 183, 183

■ 54, 102, 183

■ 200, 195, 183

■ 36, 91, 183

■ 219, 206, 183

■ 17, 79, 183

■ 237, 220, 183

■ 0, 69, 183

■ 255, 232, 183

■ 255, 255, 183

■ 232, 255, 183

Harmonies

Analogous

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



117, 143, 174



127, 148, 183



145, 154, 185

Triad

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



127, 148, 183



186, 146, 153



133, 161, 147

Complementary

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



127, 148, 183



183, 163, 127

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.



137, 164, 127



127, 148, 183



186, 149, 139

Square

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



127, 148, 183



179, 147, 167



177, 173, 129



131, 154, 164

Rectangle

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



127, 148, 183



158, 153, 182



177, 173, 129



130, 159, 136

Sweetspot

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



127, 148, 183



216, 224, 237



127, 167, 183



107, 112, 120



247, 247, 247



120, 120, 120

Same Dimension

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



127, 148, 183



149, 182, 237



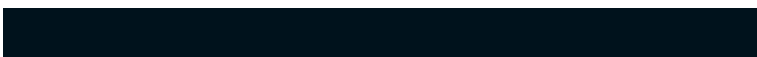
127, 132, 183



83, 86, 92



0, 58, 156



0, 11, 28

Inverse Universe

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



183, 127, 161



237, 149, 202



134, 183, 127



92, 83, 88



156, 0, 93



28, 0, 17

Previews

White Background



This preview shows how the RYB color 127, 148, 183 looks on a white background.

Color Contrast Check

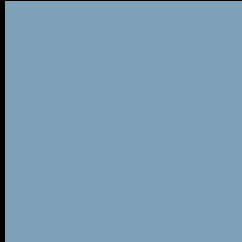
Large Text (above 18pt) WCAG AA × Fail

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 127, 148, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

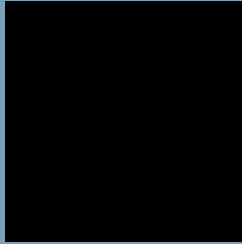
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

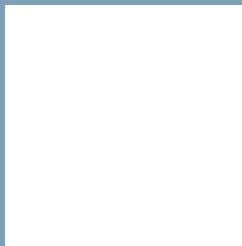
Any Text WCAG AAA ✓ Pass

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

RYB 127, 148, 183 Background



This preview shows how black text looks on a background with the RYB color 127, 148, 183.

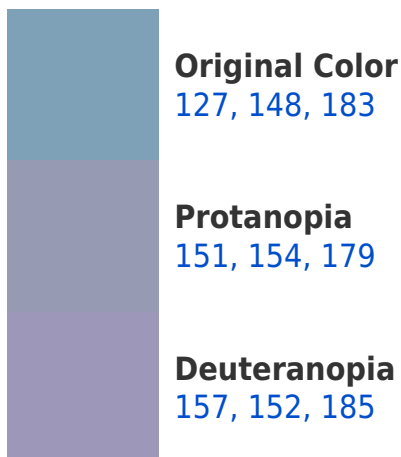


This preview shows how white text looks on a background with the RYB color 127, 148, 183.

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
125, 146, 175

Trichromacy



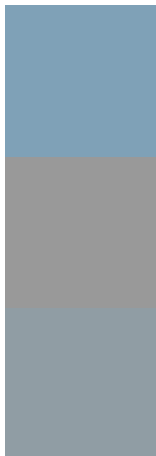
Original Color
127, 148, 183

Protanomaly
142, 152, 180

Deuteranomaly
146, 153, 184

Tritanomaly
126, 147, 178

Monochromacy



Original Color
127, 148, 183

Achromatopsia
153, 153, 153

Achromatomaly
144, 152, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 148, 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(127, 161, 183)` looks like.

```
.text, #text, p{  
    color:rgb(127, 161, 183)  
}
```

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, 161, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 161, 183) }
```

Border

The CSS property to change the border of an element to RYB 127, 148, 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(127, 161, 183) }
```

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

```
.border{ border-color:rgb(127, 161, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 161, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 161, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 161, 183);  
box-shadow:4px 4px 4px 4px rgb(127, 161,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 127, 148, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 161, 183) }
```

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

```
.background{ background-color: rgb(127,  
161, 183) }
```

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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