

Converting Colors

`RYB(125, 168, 187)`

Have a look what the booklet for
RYB(125, 168, 187) contains.

RYB(125, 168, 187)	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

`RYB(125, 168, 187)`

Conversions

Conversions Part 1

Format	Color
Hex	7DBB98
RGB	125, 187, 152
RGB Percent	49%, 73%, 60%
CMY	0.5098, 0.2667, 0.4024
CMYK	0.33, 0.00, 0.19, 0.27
HSL	147°, 31%, 61%
HSV	147°, 33%, 73%
XYZ	31.9277, 42.1806, 36.3347
YIQ	164.4720, -25.7170, -24.0290

Conversions

Conversions Part 2

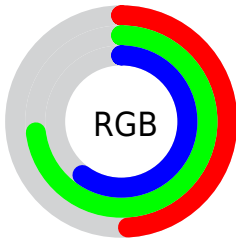
Format	Color
RYB	125, 168, 187
Decimal	8240024
CIELab	71.00, -27.41, 11.27
CIELCh	71, 29.632, 157.650
Yxy	42.1806, 0.2891, 0.3819
Android (android.graphics.Color)	4286430104 (0xFF7DBB98)
YUV	164.4720, -6.1487, -34.6169
Hunter-Lab	64.9466, -25.9060, 12.2925

Details

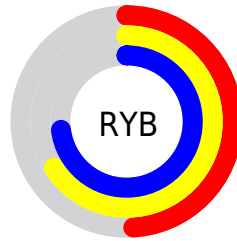
The RYB color **125, 168, 187** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **187, 125, 160**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **179, 224, 243**, and **73, 114, 133** is the 20% darker color. If you saturate the color by 10%, you get **106, 162, 187**, and if you desaturate by 10%, it is **144, 174, 187**.

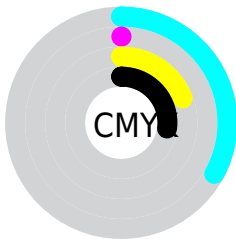
Distribution



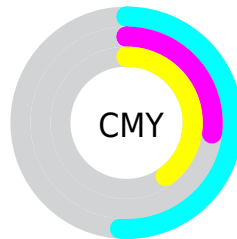
- Red (49%)
- Green (73%)
- Blue (60%)



- Red (49%)
- Yellow (66%)
- Blue (73%)



- Cyan (33%)
- Magenta (0%)
- Yellow (19%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 168, 187 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 125, 168, 187 by changing the saturation by 10% instead.

 125, 168, 187


255, 255, 255


 179, 224, 243

 207, 237, 255


 236, 246, 255

 125, 168, 187

 99, 141, 160

 73, 114, 133

 48, 88, 108

 20, 61, 83

 0, 39, 60

 0, 29, 38

 0, 7, 7


 0, 0, 0


 125, 168, 187


 125, 168, 187


 106, 162, 187


 144, 174, 187


 88, 157, 187


 162, 179, 187

 69, 151, 187


 181, 185, 187

 50, 145, 187

 200, 187, 194

 31, 139, 187

 219, 187, 205

 13, 134, 187

 237, 187, 215

 0, 130, 187

 255, 187, 225

 255, 187, 236

 255, 187, 246

Harmonies

Analogous

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



130, 182, 156



125, 168, 187



98, 146, 189

Triad

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



125, 168, 187



149, 168, 227



225, 160, 142

Complementary

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



125, 168, 187



187, 125, 160

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.



227, 154, 168



125, 168, 187



187, 164, 217

Square

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



125, 168, 187



111, 154, 223



214, 157, 195



210, 201, 125

Rectangle

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



125, 168, 187



88, 140, 198



214, 157, 195



227, 155, 150

Sweetspot

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



125, 168, 187



218, 234, 242



125, 187, 152



108, 118, 122



250, 250, 250



122, 122, 122

Same Dimension

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



125, 168, 187



145, 212, 242



125, 157, 187



85, 91, 94



0, 109, 158



0, 21, 31

Inverse Universe

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



187, 125, 160



242, 145, 199



187, 125, 129



94, 85, 90



158, 0, 88



31, 0, 17

Previews

White Background



This preview shows how the RYB color 125, 168, 187 looks on a white background.

Color Contrast Check

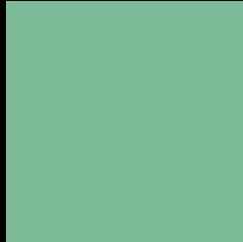
Large Text (above 18pt) WCAG AA × Fail

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 125, 168, 187 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 125, 168, 187 Background



This preview shows how black text looks on a background with the RYB color 125, 168, 187.

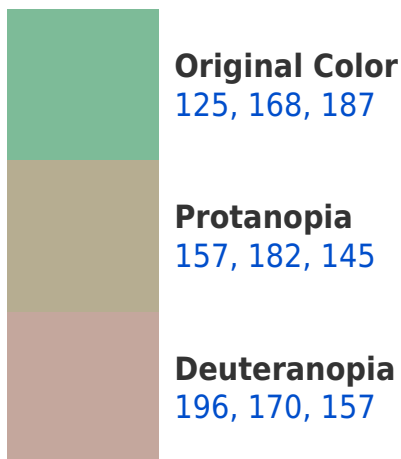


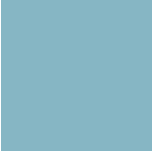
This preview shows how white text looks on a background with the RYB color 125, 168, 187.

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
134, 161, 196

Trichromacy



Original Color
125, 168, 187

Protanomaly
148, 178, 165

Deuteranomaly
155, 174, 159

Tritanomaly
131, 158, 183

Monochromacy



Original Color
125, 168, 187

Achromatopsia
165, 165, 165

Achromatomaly
150, 166, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 168, 187 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(125, 187, 152)` looks like.

```
.text, #text, p{  
    color:rgb(125, 187, 152)  
}
```

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(125, 187, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 187, 152) }
```

Border

The CSS property to change the border of an element to RYB 125, 168, 187 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(125, 187, 152) }
```

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

```
.border{ border-color:rgb(125, 187, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 187, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 187, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 187, 152);  
box-shadow:4px 4px 4px 4px rgb(125, 187,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 125, 168, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 187, 152) }
```

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

```
.background{ background-color: rgb(125,  
187, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor