

Converting Colors

`RYB(124, 145, 168)`

Have a look what the booklet for RYB(124, 145, 168) contains.

RYB(124, 145, 168)	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(124, 145, 168)

Conversions

Conversions Part 1

Format	Color
Hex	7CA4A8
RGB	124, 164, 168
RGB Percent	49%, 64%, 66%
CMY	0.5137, 0.3562, 0.3412
CMYK	0.26, 0.02, 0.00, 0.34
HSL	185°, 20%, 57%
HSV	185°, 26%, 66%
XYZ	28.6867, 33.7255, 42.0435
YIQ	152.4960, -25.1240, -7.2360

Conversions

Conversions Part 2

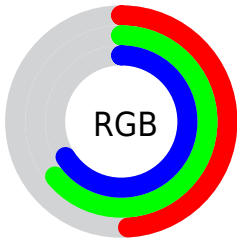
Format	Color
RYB	124, 145, 168
Decimal	8168616
CIELab	64.74, -12.64, -6.42
CIELCh	65, 14.183, 206.935
Yxy	33.7255, 0.2746, 0.3229
Android (android.graphics.Color)	4286358696 (0xFF7CA4A8)
YUV	152.4960, 7.6435, -24.9910
Hunter-Lab	58.0736, -13.4551, -2.2726

Details

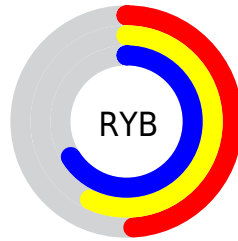
The RYB color **124, 145, 168** is a light color, and the websafe version is hex **669999**. A complement of this color would be **168, 128, 124**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **178, 199, 223**, and **73, 93, 116** is the 20% darker color. If you saturate the color by 10%, you get **107, 136, 168**, and if you desaturate by 10%, it is **141, 154, 168**.

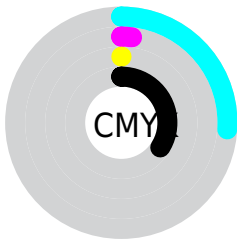
Distribution



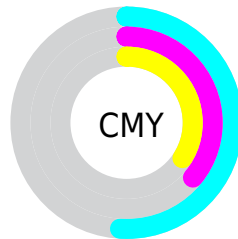
- Red (49%)
- Green (64%)
- Blue (66%)



- Red (49%)
- Yellow (57%)
- Blue (66%)



- Cyan (26%)
- Magenta (2%)
- Yellow (0%)
- Black (34%)



- Cyan (51%)
- Magenta (36%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 145, 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 124, 145, 168 by changing the saturation by 10% instead.


 124, 145, 168


255, 255, 255

 178, 199, 223

 205, 227, 252

 234, 245, 255

 124, 145, 168


 98, 119, 142

 73, 93, 116

 49, 69, 91

 25, 45, 68


 0, 22, 46


 0, 12, 25


 0, 0, 0

 124, 145, 168


 107, 136, 168

 124, 145, 168


 141, 154, 168


 90, 127, 168


 158, 163, 168

 74, 119, 168

 174, 169, 168

 57, 110, 168

 191, 170, 168

 40, 101, 168

 208, 171, 168

 23, 92, 168

 225, 173, 168

 6, 83, 168

 242, 175, 168

 0, 80, 168

 255, 177, 168

 255, 178, 168

Harmonies

Analogous

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



129, 149, 164



124, 145, 168



129, 149, 178

Triad

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



124, 145, 168



172, 150, 171



152, 169, 132

Complementary

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



124, 145, 168



168, 128, 124

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.



179, 161, 136



124, 145, 168



182, 148, 159

Square

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



124, 145, 168



158, 154, 180



184, 149, 146



134, 160, 139

Rectangle

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



124, 145, 168



137, 152, 181



184, 149, 146



169, 173, 133

Sweetspot

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



124, 145, 168



202, 210, 219



124, 164, 168



99, 104, 110



237, 237, 237



110, 110, 110

Same Dimension

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



124, 145, 168



151, 183, 219



124, 137, 168



76, 80, 84



0, 71, 148



0, 10, 20

Inverse Universe

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



168, 124, 164



219, 151, 213



154, 168, 124



84, 76, 83



148, 0, 135



20, 0, 19

Previews

White Background



This preview shows how the RYB color 124, 145, 168 looks on a white background.

Color Contrast Check

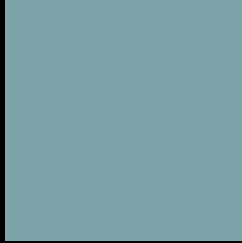
Large Text (above 18pt) WCAG AA × Fail

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 124, 145, 168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

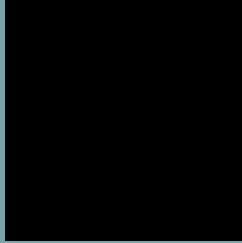
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

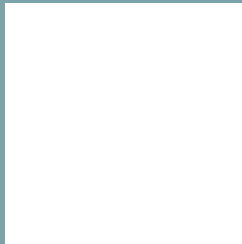
Any Text WCAG AAA ✓ Pass

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

RYB 124, 145, 168 Background



This preview shows how black text looks on a background with the RYB color 124, 145, 168.



This preview shows how white text looks on a background with the RYB color 124, 145, 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





Tritanopia
126, 147, 176

Trichromacy



Original Color

124, 145, 168

Protanomaly

145, 153, 165

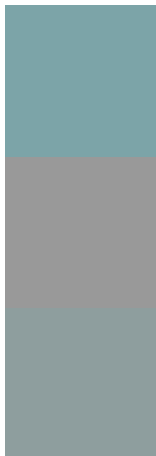
Deuteranomaly

150, 155, 169

Tritanomaly

125, 146, 173

Monochromacy



Original Color

124, 145, 168

Achromatopsia

153, 153, 153

Achromatomaly

142, 150, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 145, 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(124, 164, 168)` looks like.

```
.text, #text, p{  
    color:rgb(124, 164, 168)  
}
```

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(124, 164, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 164, 168) }
```

Border

The CSS property to change the border of an element to RYB 124, 145, 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(124, 164, 168) }
```

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

```
.border{ border-color:rgb(124, 164, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 164, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 164, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 164, 168);  
box-shadow:4px 4px 4px 4px rgb(124, 164,  
168) }
```

Background

The CSS property to change the background color of an element to RYB 124, 145, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 164, 168) }
```

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

```
.background{ background-color: rgb(124,  
164, 168) }
```

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