

Converting Colors

`RYB(124, 168, 192)`

Have a look what the booklet for
RYB(124, 168, 192) contains.

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Color

R_YB(124, 168, 192)

Conversions

Conversions Part 1

Format	Color
Hex	7CC0A1
RGB	124, 192, 161
RGB Percent	49%, 75%, 63%
CMY	0.5137, 0.2471, 0.3683
CMYK	0.35, 0.00, 0.16, 0.25
HSL	153°, 35%, 62%
HSV	153°, 35%, 75%
XYZ	33.6029, 44.5608, 40.5903
YIQ	168.1340, -30.5770, -24.0570

Conversions

Conversions Part 2

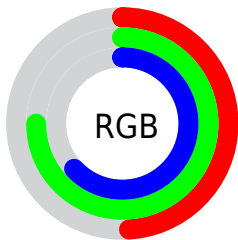
Format	Color
RYB	124, 168, 192
Decimal	8175777
CIELab	72.60, -28.36, 8.82
CIELCh	73, 29.696, 162.720
Yxy	44.5608, 0.2830, 0.3752
Android (android.graphics.Color)	4286365857 (0xFF7CC0A1)
YUV	168.1340, -3.5171, -38.7055
Hunter-Lab	66.7539, -26.9651, 10.6759

Details

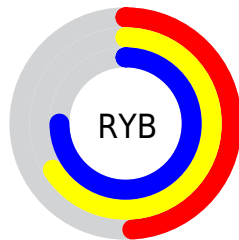
The RYB color **124, 168, 192** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **192, 124, 155**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **179, 225, 249**, and **71, 114, 138** is the 20% darker color. If you saturate the color by 10%, you get **105, 161, 192**, and if you desaturate by 10%, it is **143, 175, 192**.

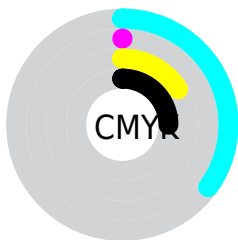
Distribution



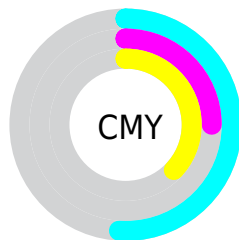
- Red (49%)
- Green (75%)
- Blue (63%)



- Red (49%)
- Yellow (66%)
- Blue (75%)



- Cyan (35%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)




- Cyan (51%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 168, 192 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, 168, 192 by changing the saturation by 10% instead.

 124, 168, 192


255, 255, 255


 179, 225, 249

 207, 234, 255

 236, 246, 255

 124, 168, 192

 98, 141, 165

 71, 113, 138

 45, 87, 112


 15, 59, 88


 0, 39, 64

 0, 28, 41

 0, 17, 17


 0, 0, 0


 124, 168, 192


 124, 168, 192


 105, 161, 192


 143, 175, 192


 86, 155, 192


 162, 181, 192


 66, 147, 192

 182, 189, 192

 47, 141, 192

 201, 192, 196

 28, 134, 192

 220, 192, 205


 9, 127, 192

 239, 192, 213

 0, 124, 192

 255, 192, 222

 255, 192, 231

 255, 192, 240

Harmonies

Analogous

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



138, 187, 170



124, 168, 192



99, 147, 193

Triad

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



124, 168, 192



160, 174, 231



228, 170, 142

Complementary

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



124, 168, 192



192, 124, 155

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.



233, 158, 167



124, 168, 192



197, 167, 218

Square

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



124, 168, 192



121, 161, 229



222, 160, 195



203, 211, 127

Rectangle

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



124, 168, 192



93, 146, 206



222, 160, 195



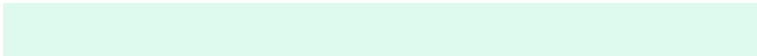
231, 163, 150

Sweetspot

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



124, 168, 192



222, 240, 250



124, 192, 160



109, 119, 125



252, 252, 252



125, 125, 125

Same Dimension

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



124, 168, 192



142, 212, 250



124, 157, 192



87, 94, 97



0, 104, 161



0, 21, 33

Inverse Universe

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



192, 124, 155



250, 142, 191



192, 126, 124



97, 87, 92



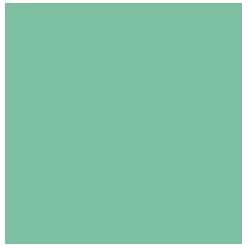
161, 0, 73



33, 0, 15

Previews

White Background



This preview shows how the RYB color 124, 168, 192 looks on a white background.

Color Contrast Check

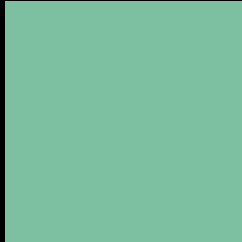
Large Text (above 18pt) WCAG AA × Fail

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, 168, 192 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, 168, 192 Background



This preview shows how black text looks on a background with the RYB color 124, 168, 192.

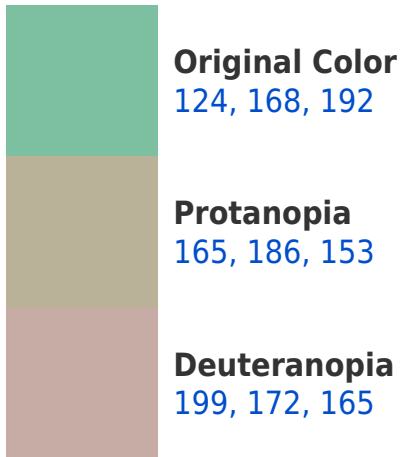


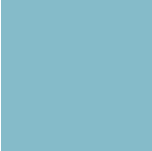
This preview shows how white text looks on a background with the RYB color 124, 168, 192.

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
133, 163, 201

Trichromacy



Original Color

124, 168, 192



Protanomaly

156, 182, 175



Deuteranomaly

164, 179, 171



Tritanomaly

130, 160, 188

Monochromacy



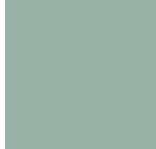
Original Color

124, 168, 192



Achromatopsia

168, 168, 168



Achromatomaly

152, 168, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 168, 192 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, 192, 161)` looks like.

```
.text, #text, p{  
    color:rgb(124, 192, 161)  
}
```

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, 192, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 192, 161) }
```

Border

The CSS property to change the border of an element to RYB 124, 168, 192 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, 192, 161) }
```

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

```
.border{ border-color:rgb(124, 192, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 192, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 192, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 192, 161);  
box-shadow:4px 4px 4px 4px rgb(124, 192,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 124, 168, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 192, 161) }
```

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

```
.background{ background-color: rgb(124,  
192, 161) }
```

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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