

Converting Colors

`RYB(162, 194, 219)`

Have a look what the booklet for RYB(162, 194, 219) contains.

RYB(162, 194, 219)	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(162, 194, 219)

Conversions

Conversions Part 1

Format	Color
Hex	A2DBC F
RGB	162, 219, 207
RGB Percent	64%, 86%, 81%
CMY	0.3647, 0.1412, 0.1901
CMYK	0.26, 0.00, 0.06, 0.14
HSL	167°, 44%, 75%
HSV	167°, 26%, 86%
XYZ	51.4371, 62.8265, 68.1472
YIQ	200.5890, -30.1200, -15.8160

Conversions

Conversions Part 2

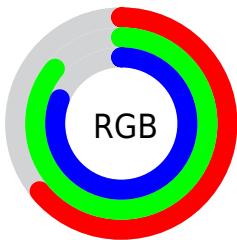
Format	Color
RYB	162, 194, 219
Decimal	10673103
CIELab	83.35, -20.78, 0.22
CIElCh	83, 20.781, 179.400
Yxy	62.8265, 0.2820, 0.3444
Android (android.graphics.Color)	4288863183 (0xFFA2DBCf)
YUV	200.5890, 3.1606, -33.8426
Hunter-Lab	79.2632, -22.8748, 4.5092

Details

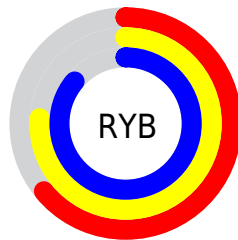
The RYB color **162, 194, 219** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **219, 162, 174**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **218, 237, 255**, and **109, 140, 164** is the 20% darker color. If you saturate the color by 10%, you get **140, 184, 219**, and if you desaturate by 10%, it is **184, 204, 219**.

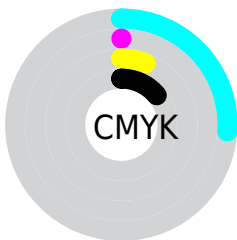
Distribution



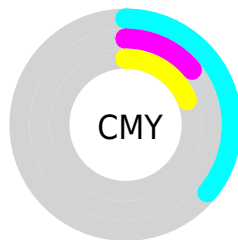
- Red (64%)
- Green (86%)
- Blue (81%)



- Red (64%)
- Yellow (76%)
- Blue (86%)



- Cyan (26%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)




- Cyan (36%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 194, 219 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 162, 194, 219 by changing the saturation by 10% instead.

 162, 194, 219

255, 255, 255


 218, 237, 255


 247, 251, 255

 162, 194, 219


 135, 166, 191

 109, 140, 164


 83, 113, 137

 58, 88, 112


 32, 62, 87


 1, 35, 64


 0, 22, 41

 0, 13, 20

 0, 0, 0

 162, 194, 219


 162, 194, 219

 140, 184, 219


 184, 204, 219

 118, 175, 219

 206, 213, 219

 96, 165, 219


 228, 219, 221

 74, 155, 219

 250, 219, 226

 52, 146, 219

 255, 219, 230

 31, 137, 219

 255, 219, 235

 9, 127, 219

 255, 219, 240

 0, 123, 219

 255, 219, 245

 255, 219, 250

Harmonies

Analogous

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



180, 211, 217



162, 194, 219



155, 188, 226

Triad

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



162, 194, 219



211, 203, 242



240, 216, 175

Complementary

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



162, 194, 219



219, 162, 174

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.



248, 196, 189



162, 194, 219



233, 197, 228

Square

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



162, 194, 219



185, 202, 246



246, 194, 209



194, 223, 169

Rectangle

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



162, 194, 219



159, 192, 237



246, 194, 209



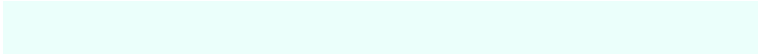
244, 206, 179

Sweetspot

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



162, 194, 219



235, 246, 255



162, 219, 206



115, 122, 128



0, 0, 0



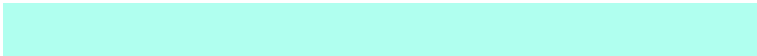
128, 128, 128

Same Dimension

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



162, 194, 219



176, 220, 255



162, 186, 219



99, 105, 110



0, 97, 173



0, 26, 46

Inverse Universe

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



219, 162, 174



255, 176, 193



219, 182, 162



110, 99, 101



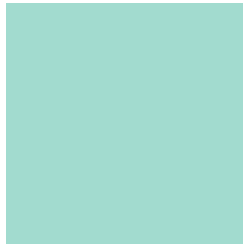
173, 0, 38



46, 0, 10

Previews

White Background



This preview shows how the RYB color 162, 194, 219 looks on a white background.

Color Contrast Check

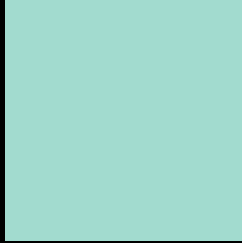
Large Text (above 18pt) WCAG AA × Fail

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 162, 194, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

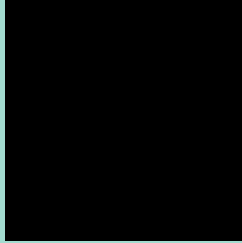
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

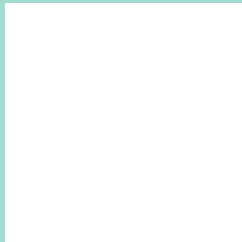
Any Text WCAG AAA ✓ Pass

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

RYB 162, 194, 219 Background



This preview shows how black text looks on a background with the RYB color 162, 194, 219.

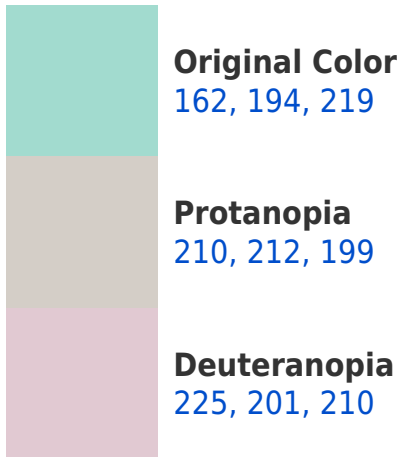


This preview shows how white text looks on a background with the RYB color 162, 194, 219.

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
167, 195, 232

Trichromacy



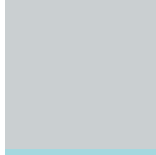
Original Color

162, 194, 219



Protanomaly

194, 206, 211



Deuteranomaly

202, 205, 209



Tritanomaly

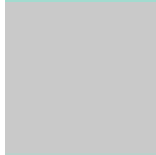
165, 192, 223

Monochromacy



Original Color

162, 194, 219



Achromatopsia

201, 201, 201



Achromatomaly

187, 199, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 194, 219 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(162, 219, 207)` looks like.

```
.text, #text, p{  
    color:rgb(162, 219, 207)  
}
```

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(162, 219, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 219, 207) }
```

Border

The CSS property to change the border of an element to RYB 162, 194, 219 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(162, 219, 207) }
```

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

```
.border{ border-color:rgb(162, 219, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 219, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 219, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 219, 207);  
box-shadow:4px 4px 4px 4px rgb(162, 219,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 162, 194, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 219, 207) }
```

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

```
.background{ background-color: rgb(162,  
219, 207) }
```

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