

Converting Colors

`RYB(140, 162, 209)`

Have a look what the booklet for
RYB(140, 162, 209) contains.

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Color

$\text{RYB}(140, 162, 209)$

Conversions

Conversions Part 1

Format	Color
Hex	8CACD1
RGB	140, 172, 209
RGB Percent	55%, 67%, 82%
CMY	0.4510, 0.3243, 0.1804
CMYK	0.33, 0.18, 0.00, 0.18
HSL	212°, 43%, 68%
HSV	212°, 33%, 82%
XYZ	37.1331, 39.7975, 66.0462
YIQ	166.6500, -30.9490, 4.7230

Conversions

Conversions Part 2

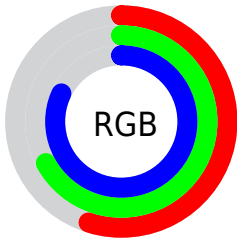
Format	Color
RYB	140, 162, 209
Decimal	9219281
CIELab	69.33, -2.26, -22.19
CIELCh	69, 22.304, 264.183
Yxy	39.7975, 0.2597, 0.2783
Android (android.graphics.Color)	4287409361 (0xFF8CACD1)
YUV	166.6500, 20.8785, -23.3721
Hunter-Lab	63.0852, -5.3308, -17.9131

Details

The RYB color **140, 162, 209** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **200, 209, 140**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **195, 216, 255**, and **87, 109, 154** is the 20% darker color. If you saturate the color by 10%, you get **119, 148, 209**, and if you desaturate by 10%, it is **161, 176, 209**.

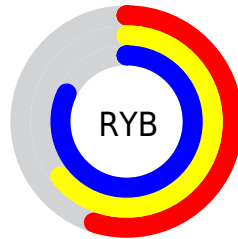
Distribution



Red (55%)

Green (67%)

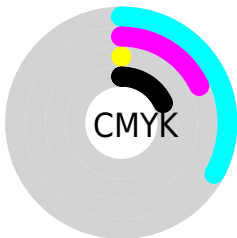
Blue (82%)



Red (55%)

Yellow (64%)

Blue (82%)

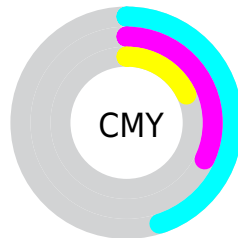


Cyan (33%)

Magenta (18%)

Yellow (0%)

Black (18%)



Cyan (45%)


Magenta (32%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 162, 209 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 140, 162, 209 by changing the saturation by 10% instead.


 140, 162, 209


255, 255, 255


 195, 216, 255

 224, 240, 255

253, 254, 255

 140, 162, 209


 113, 135, 181

 87, 109, 154

 62, 84, 128

 35, 59, 103

 3, 32, 79

 0, 19, 56

 0, 2, 35

 0, 0, 9

 0, 0, 0

■ 140, 162, 209

■ 140, 162, 209

■ 119, 148, 209

■ 161, 176, 209

■ 98, 133, 209

■ 182, 191, 209

■ 77, 119, 209

■ 203, 205, 209

■ 56, 105, 209

■ 222, 224, 209

■ 35, 91, 209

■ 238, 244, 209

■ 15, 77, 209

■ 234, 255, 209

■ 0, 67, 209

■ 215, 255, 209

■ 209, 255, 209

Harmonies

Analogous

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



118, 153, 201



140, 162, 209



168, 165, 206

Triad

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



140, 162, 209



211, 156, 154



144, 177, 178

Complementary

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



140, 162, 209



200, 209, 140

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.



132, 173, 138



140, 162, 209



204, 172, 137

Square

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



140, 162, 209



207, 155, 174



162, 188, 129



123, 157, 181

Rectangle

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



140, 162, 209



184, 161, 198



162, 188, 129



140, 177, 165

Sweetspot

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



140, 162, 209



230, 238, 255



140, 185, 209



112, 117, 128



0, 0, 0



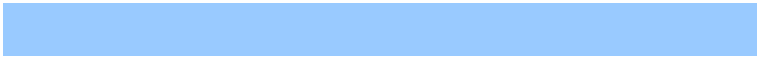
128, 128, 128

Same Dimension

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



140, 162, 209



153, 186, 255



141, 140, 209



94, 97, 105



0, 54, 168



0, 13, 41

Inverse Universe

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



209, 140, 172



255, 153, 201



140, 209, 141



105, 94, 99



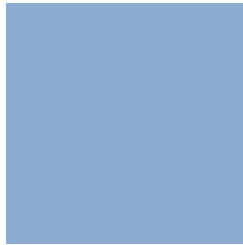
168, 0, 79



41, 0, 19

Previews

White Background



This preview shows how the RYB color 140, 162, 209 looks on a white background.

Color Contrast Check

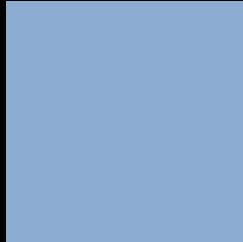
Large Text (above 18pt) WCAG AA × Fail

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 140, 162, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

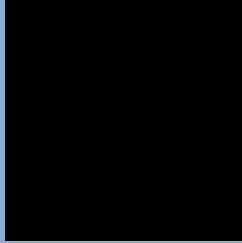
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

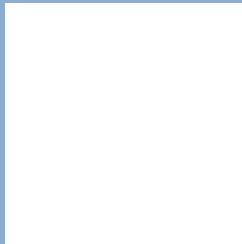
Any Text WCAG AAA ✓ Pass

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

RYB 140, 162, 209 Background



This preview shows how black text looks on a background with the RYB color 140, 162, 209.

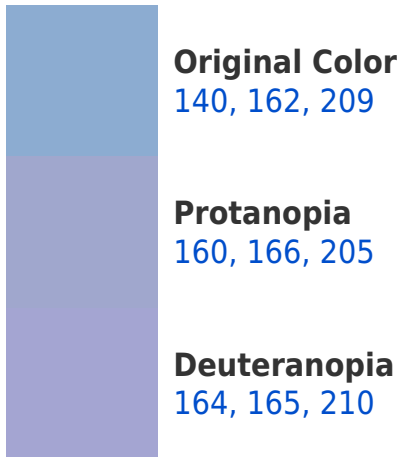


This preview shows how white text looks on a background with the RYB color 140, 162, 209.

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](#).

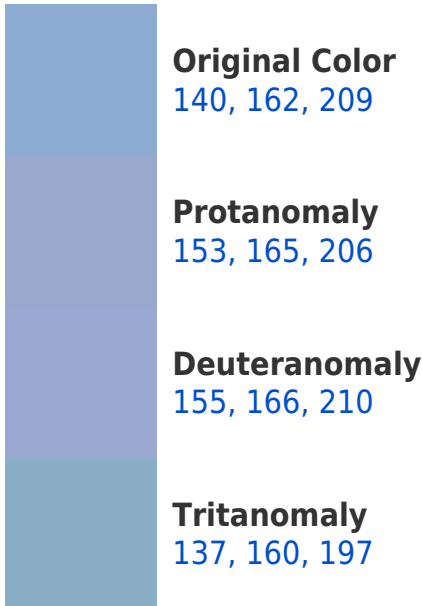
Dichromacy



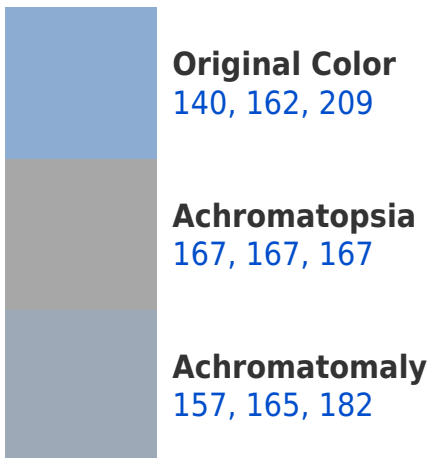


Tritanopia
136, 159, 190

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 162, 209 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(140, 172, 209)` looks like.

```
.text, #text, p{  
    color:rgb(140, 172, 209)  
}
```

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(140, 172, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 172, 209) }
```

Border

The CSS property to change the border of an element to RYB 140, 162, 209 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(140, 172, 209) }
```

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

```
.border{ border-color:rgb(140, 172, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 172, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 172, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 172, 209);  
box-shadow:4px 4px 4px 4px rgb(140, 172,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 140, 162, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 172, 209) }
```

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

```
.background{ background-color: rgb(140,  
172, 209) }
```

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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