

Converting Colors

`RYB(140, 152, 212)`

Have a look what the booklet for RYB(140, 152, 212) contains.

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Color

R_YB(140, 152, 212)

Conversions

Conversions Part 1

Format	Color
Hex	8C9AD4
RGB	140, 154, 212
RGB Percent	55%, 60%, 83%
CMY	0.4510, 0.3945, 0.1686
CMYK	0.34, 0.27, 0.00, 0.17
HSL	228°, 46%, 69%
HSV	228°, 34%, 83%
XYZ	34.3206, 33.5724, 66.9586
YIQ	156.4260, -26.9620, 15.0700

Conversions

Conversions Part 2

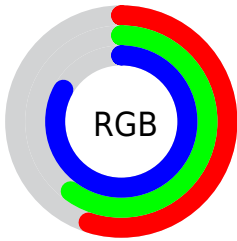
Format	Color
RYB	140, 152, 212
Decimal	9214676
CIELab	64.62, 8.54, -31.07
CIElCh	65, 32.226, 285.369
Yxy	33.5724, 0.2545, 0.2490
Android (android.graphics.Color)	4287404756 (0xFF8C9AD4)
YUV	156.4260, 27.3980, -14.4056
Hunter-Lab	57.9417, 4.3330, -27.9576

Details

The RYB color **140, 152, 212** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **157, 212, 140**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **195, 206, 255**, and **87, 100, 157** is the 20% darker color. If you saturate the color by 10%, you get **119, 134, 212**, and if you desaturate by 10%, it is **161, 169, 212**.

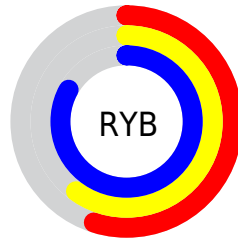
Distribution



Red (55%)

Green (60%)

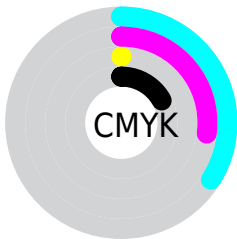
Blue (83%)



Red (55%)

Yellow (60%)

Blue (83%)

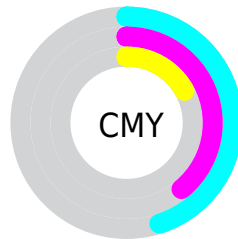


Cyan (34%)

Magenta (27%)

Yellow (0%)

Black (17%)



Cyan (45%)


Magenta (39%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 152, 212 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, 152, 212 by changing the saturation by 10% instead.


 140, 152, 212


255, 255, 255

 195, 206, 255

 224, 233, 255

253, 254, 255

 140, 152, 212


 113, 125, 184

 87, 101, 157

 61, 76, 131

 35, 52, 105

 0, 25, 81

 0, 11, 58

 0, 2, 36

 0, 0, 11

 0, 0, 0

■ 140, 152, 212

■ 140, 152, 212

■ 119, 134, 212

■ 161, 169, 212

■ 98, 116, 212

■ 182, 187, 212

■ 76, 99, 212

■ 204, 205, 212

■ 55, 82, 212

■ 216, 225, 212

■ 34, 64, 212

■ 221, 246, 212

■ 13, 46, 212

■ 212, 255, 212

■ 0, 35, 212

Harmonies

Analogous

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



94, 138, 212



140, 152, 212



179, 144, 197

Triad

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



140, 152, 212



208, 150, 117



94, 142, 171

Complementary

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



140, 152, 212



157, 212, 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.



115, 167, 153



140, 152, 212



171, 189, 101

Square

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



140, 152, 212



214, 135, 143



102, 161, 101



61, 117, 172

Rectangle

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



140, 152, 212



198, 138, 181



102, 161, 101



106, 152, 170

Sweetspot

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



140, 152, 212



230, 234, 255



140, 180, 212



112, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



140, 152, 212



150, 168, 255



162, 140, 212



96, 98, 107



0, 28, 171



0, 7, 43

Inverse Universe

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



212, 140, 154



255, 150, 171



140, 212, 162



107, 96, 99



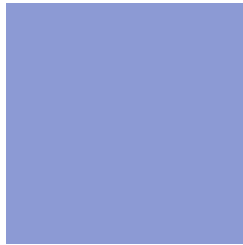
171, 0, 34



43, 0, 9

Previews

White Background



This preview shows how the RYB color 140, 152, 212 looks on a white background.

Color Contrast Check

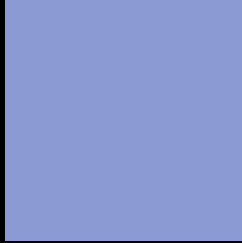
Large Text (above 18pt) WCAG AA × Fail

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, 152, 212 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, 152, 212 Background



This preview shows how black text looks on a background with the RYB color 140, 152, 212.



This preview shows how white text looks on a background with the RYB color 140, 152, 212.

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



Original Color
[140, 152, 212](#)

Protanopia
[140, 152, 212](#)

Deuteranopia
[140, 152, 212](#)



Tritanopia
131, 149, 174

Trichromacy



Original Color
140, 152, 212

Protanomaly
140, 152, 212

Deuteranomaly
140, 152, 212

Tritanomaly
134, 151, 188

Monochromacy



Original Color
140, 152, 212

Achromatopsia
157, 157, 157

Achromatomaly
151, 155, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 152, 212 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, 154, 212)` looks like.

```
.text, #text, p{  
    color:rgb(140, 154, 212)  
}
```

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, 154, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 154, 212) }
```

Border

The CSS property to change the border of an element to RYB 140, 152, 212 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, 154, 212) }
```

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

```
.border{ border-color:rgb(140, 154, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 154, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 154, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 154, 212);  
box-shadow:4px 4px 4px 4px rgb(140, 154,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 140, 152, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 154, 212) }
```

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

```
.background{ background-color: rgb(140,  
154, 212) }
```

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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