

Converting Colors

`RYB(142, 155, 206)`

Have a look what the booklet for
RYB(142, 155, 206) contains.

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Color

R_YB(142, 155, 206)

Conversions

Conversions Part 1

Format	Color
Hex	8E9ECE
RGB	142, 158, 206
RGB Percent	56%, 62%, 81%
CMY	0.4431, 0.3792, 0.1922
CMYK	0.31, 0.23, 0.00, 0.19
HSL	225°, 40%, 68%
HSV	225°, 31%, 81%
XYZ	34.5764, 34.7679, 63.2810
YIQ	158.6880, -24.9440, 11.5360

Conversions

Conversions Part 2

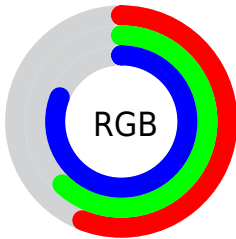
Format	Color
R _Y B	142, 155, 206
Decimal	9346766
CIE Lab	65.57, 5.35, -26.27
CIE LCh	66, 26.809, 281.503
Yxy	34.7679, 0.2607, 0.2622
Android (android.graphics.Color)	4287536846 (0xFF8E9ECE)
YUV	158.6880, 23.3248, -14.6354
Hunter-Lab	58.9643, 1.4839, -22.3555

Details

The RYB color **142, 155, 206** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **163, 206, 142**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **197, 209, 255**, and **90, 103, 152** is the 20% darker color. If you saturate the color by 10%, you get **121, 138, 206**, and if you desaturate by 10%, it is **163, 172, 206**.

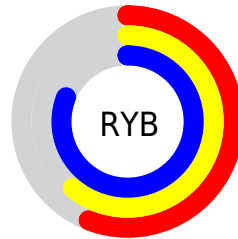
Distribution



Red (56%)

Green (62%)

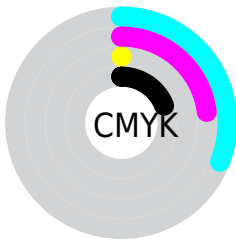
Blue (81%)



Red (56%)

Yellow (61%)

Blue (81%)

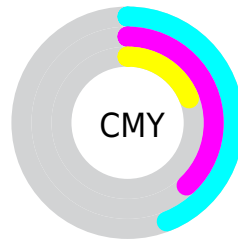


Cyan (31%)

Magenta (23%)

Yellow (0%)

Black (19%)



Cyan (44%)


Magenta (38%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 155, 206 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 142, 155, 206 by changing the saturation by 10% instead.


 142, 155, 206

 142, 155, 206

255, 255, 255

 116, 129, 178

 197, 210, 255

 90, 103, 152


 225, 235, 255

 64, 79, 126

254, 255, 255

 39, 55, 100


 10, 30, 76

 0, 13, 53


 0, 2, 32


 0, 0, 3


 0, 0, 0

 142, 155, 206


 142, 155, 206

 121, 138, 206

 163, 172, 206

 101, 122, 206

 183, 188, 206

 80, 106, 206

 204, 204, 206

 60, 90, 206

 211, 224, 206

 39, 73, 206

 219, 245, 206

 18, 56, 206

 212, 255, 206

 0, 42, 206

 206, 255, 206

Harmonies

Analogous

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



108, 144, 204



142, 155, 206



174, 150, 195

Triad

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



142, 155, 206



204, 150, 128



113, 151, 171

Complementary

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



142, 155, 206



163, 206, 142

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.



123, 167, 150



142, 155, 206



186, 190, 114

Square

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



142, 155, 206



207, 142, 151



119, 167, 112



90, 133, 173

Rectangle

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



142, 155, 206



191, 145, 183



119, 167, 112



122, 159, 170

Sweetspot

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



142, 155, 206



232, 237, 255



142, 179, 206



113, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



142, 155, 206



161, 180, 255



157, 142, 206



92, 94, 102



0, 34, 166



0, 8, 38

Inverse Universe

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



206, 142, 158



255, 161, 185



142, 206, 157



102, 92, 94



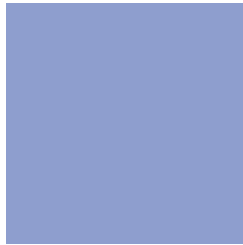
166, 0, 42



38, 0, 10

Previews

White Background



This preview shows how the RYB color 142, 155, 206 looks on a white background.

Color Contrast Check

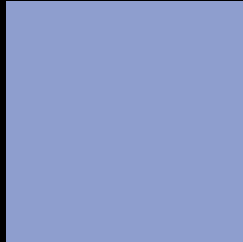
Large Text (above 18pt) WCAG AA × Fail

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 142, 155, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

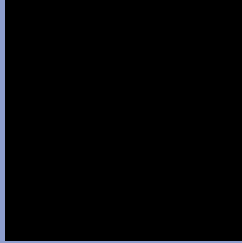
Any Text WCAG AA ✓ Pass

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 142, 155, 206 Background



This preview shows how black text looks on a background with the RYB color 142, 155, 206.



This preview shows how white text looks on a background with the RYB color 142, 155, 206.

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


142, 155, 206

Protanopia

146, 155, 205

Deuteranopia

149, 155, 206



Tritanopia
136, 153, 177

Trichromacy



Original Color
142, 155, 206

Protanomaly
145, 155, 205

Deuteranomaly
146, 155, 206

Tritanomaly
138, 154, 188

Monochromacy



Original Color
142, 155, 206

Achromatopsia
159, 159, 159

Achromatomaly
153, 158, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 155, 206 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(142, 158, 206)` looks like.

```
.text, #text, p{  
    color:rgb(142, 158, 206)  
}
```

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(142, 158, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 158, 206) }
```

Border

The CSS property to change the border of an element to RYB 142, 155, 206 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(142, 158, 206) }
```

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

```
.border{ border-color:rgb(142, 158, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 158, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 158, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 158, 206);  
box-shadow:4px 4px 4px 4px rgb(142, 158,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 142, 155, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 158, 206) }
```

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

```
.background{ background-color: rgb(142,  
158, 206) }
```

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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