

Converting Colors

`RYB(148, 160, 193)`

Have a look what the booklet for RYB(148, 160, 193) contains.

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Color

R_YB(148, 160, 193)

Conversions

Conversions Part 1

Format	Color
Hex	94A4C1
RGB	148, 164, 193
RGB Percent	58%, 64%, 76%
CMY	0.4196, 0.3554, 0.2431
CMYK	0.23, 0.15, 0.00, 0.24
HSL	218°, 27%, 67%
HSV	218°, 23%, 76%
XYZ	35.1790, 36.8274, 55.7063
YIQ	162.5220, -18.8450, 5.6270

Conversions

Conversions Part 2

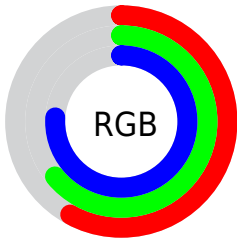
Format	Color
R_{YB}	148, 160, 193
Decimal	9741505
CIE Lab	67.15, 0.60, -16.60
CIE LCh	67, 16.613, 272.065
Yxy	36.8274, 0.2755, 0.2884
Android (android.graphics.Color)	4287931585 (0xFF94A4C1)
YUV	162.5220, 15.0257, -12.7358
Hunter-Lab	60.6856, -2.7246, -11.9453

Details

The RYB color **148, 160, 193** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **173, 193, 148**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **203, 215, 249**, and **96, 108, 139** is the 20% darker color. If you saturate the color by 10%, you get **129, 146, 193**, and if you desaturate by 10%, it is **167, 174, 193**.

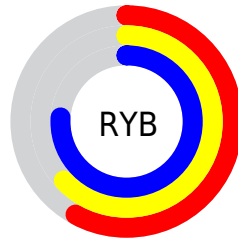
Distribution



Red (58%)

Green (64%)

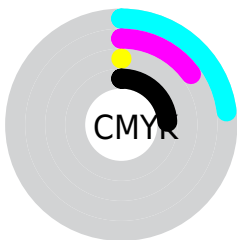
Blue (76%)



Red (58%)

Yellow (63%)

Blue (76%)

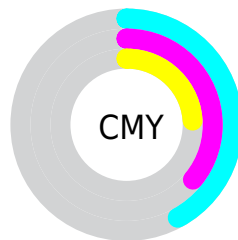


Cyan (23%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 160, 193 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 148, 160, 193 by changing the saturation by 10% instead.

 148, 160, 193


255, 255, 255

 203, 215, 249

 231, 241, 255

 148, 160, 193

 122, 134, 166

 96, 108, 139

 72, 84, 114

 48, 60, 89

 25, 38, 66

 1, 16, 44


 0, 1, 23


 0, 0, 0

 148, 160, 193


 148, 160, 193

 129, 146, 193


 167, 174, 193

 109, 132, 193

 187, 189, 193

 90, 118, 193

 201, 206, 193

 71, 103, 193

 212, 225, 193

 52, 89, 193


 223, 245, 193

 32, 75, 193

 216, 255, 193

 13, 61, 193

 198, 255, 193

 0, 51, 193

 193, 255, 193

Harmonies

Analogous

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



131, 154, 189



148, 160, 193



168, 159, 189

Triad

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



148, 160, 193



194, 155, 148



141, 165, 171

Complementary

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



148, 160, 193



173, 193, 148

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.



138, 167, 147



148, 160, 193



187, 172, 138

Square

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



148, 160, 193



193, 153, 163



149, 174, 134



128, 152, 172

Rectangle

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



148, 160, 193



179, 156, 182



149, 174, 134



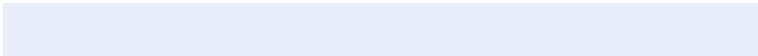
145, 170, 169

Sweetspot

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



148, 160, 193



232, 237, 250



148, 175, 193



115, 118, 125



252, 252, 252



125, 125, 125

Same Dimension

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



148, 160, 193



180, 198, 250



154, 148, 193



87, 90, 97



0, 43, 161



0, 9, 33

Inverse Universe

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



193, 148, 164



250, 180, 205



148, 193, 154



97, 87, 91



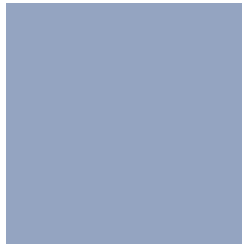
161, 0, 58



33, 0, 12

Previews

White Background



This preview shows how the RYB color 148, 160, 193 looks on a white background.

Color Contrast Check

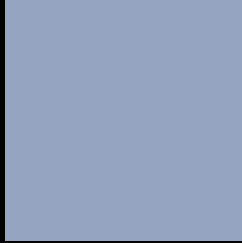
Large Text (above 18pt) WCAG AA × Fail

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 148, 160, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

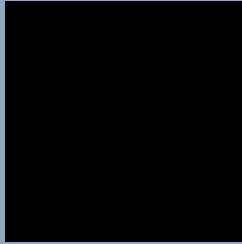
Any Text WCAG AA ✓ Pass

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 148, 160, 193 Background



This preview shows how black text looks on a background with the RYB color 148, 160, 193.



This preview shows how white text looks on a background with the RYB color 148, 160, 193.

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
[148, 160, 193](#)

Protanopia
[157, 161, 191](#)

Deuteranopia
[164, 159, 194](#)



Tritanopia
145, 159, 180

Trichromacy



Original Color

148, 160, 193

Protanomaly

154, 161, 192

Deuteranomaly

158, 161, 194

Tritanomaly

146, 159, 185

Monochromacy



Original Color

148, 160, 193

Achromatopsia

163, 163, 163

Achromatomaly

158, 162, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 160, 193 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(148, 164, 193)` looks like.

```
.text, #text, p{  
    color:rgb(148, 164, 193)  
}
```

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(148, 164, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 164, 193) }
```

Border

The CSS property to change the border of an element to RYB 148, 160, 193 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(148, 164, 193) }
```

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

```
.border{ border-color:rgb(148, 164, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 164, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 164, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 164, 193);  
box-shadow:4px 4px 4px 4px rgb(148, 164,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 148, 160, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 164, 193) }
```

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

```
.background{ background-color: rgb(148,  
164, 193) }
```

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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