

Converting Colors

`RYB(149, 153, 208)`

Have a look what the booklet for
RYB(149, 153, 208) contains.

RYB(149, 153, 208)	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(149, 153, 208)

Conversions

Conversions Part 1

Format	Color
Hex	9599D0
RGB	149, 153, 208
RGB Percent	58%, 60%, 82%
CMY	0.4157, 0.3989, 0.1843
CMYK	0.28, 0.26, 0.00, 0.18
HSL	236°, 39%, 70%
HSV	236°, 28%, 82%
XYZ	35.2185, 33.8214, 64.3465
YIQ	158.0740, -20.0390, 16.2570

Conversions

Conversions Part 2

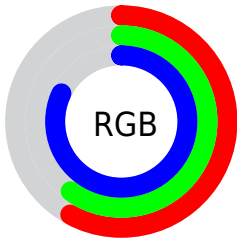
Format	Color
RYB	149, 153, 208
Decimal	9804240
CIELab	64.82, 10.76, -28.49
CIElCh	65, 30.455, 290.694
Yxy	33.8214, 0.2640, 0.2536
Android (android.graphics.Color)	4287994320 (0xFF9599D0)
YUV	158.0740, 24.6135, -7.9579
Hunter-Lab	58.1562, 6.3235, -24.8916

Details

The RYB color **149, 153, 208** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **153, 208, 149**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **204, 207, 255**, and **97, 102, 153** is the 20% darker color. If you saturate the color by 10%, you get **128, 134, 208**, and if you desaturate by 10%, it is **170, 173, 208**.

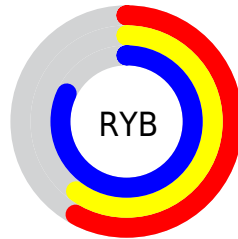
Distribution



Red (58%)

Green (60%)

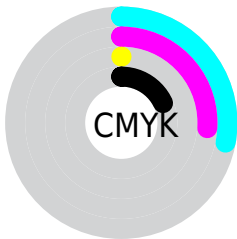
Blue (82%)



Red (58%)

Yellow (60%)

Blue (82%)

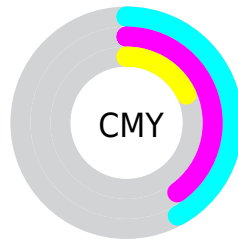


Cyan (28%)

Magenta (26%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (40%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 153, 208 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 149, 153, 208 by changing the saturation by 10% instead.


 149, 153, 208

255, 255, 255


 204, 208, 255

 233, 236, 255

 149, 153, 208

 122, 127, 180

 97, 102, 153

 71, 77, 127

 46, 54, 102

 20, 32, 78

 0, 11, 55


 0, 2, 33


 0, 0, 6

 0, 0, 0


 149, 153, 208

 149, 153, 208

 128, 134, 208

 170, 173, 208

 107, 114, 208

 191, 192, 208

 87, 95, 208

 208, 211, 208

 66, 75, 208


 210, 232, 208


 45, 56, 208

 211, 253, 208

 24, 37, 208

 208, 255, 208

 3, 17, 208

 0, 14, 208

Harmonies

Analogous

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



107, 143, 210



149, 153, 208



184, 144, 192

Triad

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



149, 153, 208



203, 157, 116



93, 140, 172

Complementary

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



149, 153, 208



153, 208, 149

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.



122, 168, 164



149, 153, 208



155, 184, 104

Square

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



149, 153, 208



211, 137, 139



106, 161, 110



68, 121, 176

Rectangle

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



149, 153, 208



200, 139, 176



106, 161, 110



104, 148, 171

Sweetspot

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



149, 153, 208



232, 234, 255



149, 180, 208



113, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



149, 153, 208



168, 174, 255



174, 149, 208



94, 95, 105



0, 11, 168



0, 3, 41

Inverse Universe

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



208, 149, 153



255, 168, 175



149, 208, 174



105, 94, 95



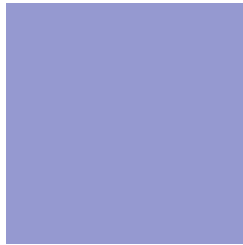
168, 0, 12



41, 0, 3

Previews

White Background



This preview shows how the RYB color 149, 153, 208 looks on a white background.

Color Contrast Check

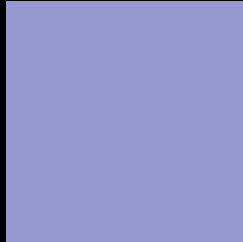
Large Text (above 18pt) WCAG AA × Fail

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 149, 153, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

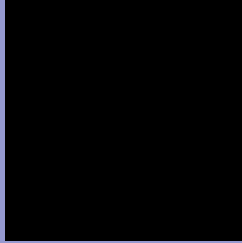
Any Text WCAG AA ✓ Pass

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 149, 153, 208 Background



This preview shows how black text looks on a background with the RYB color 149, 153, 208.



This preview shows how white text looks on a background with the RYB color 149, 153, 208.

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
149, 153, 208

Protanopia
142, 153, 209

Deuteranopia
145, 154, 208



Tritanopia

142, 153, 173

Trichromacy



Original Color
149, 153, 208

Protanomaly
145, 153, 209

Deuteranomaly
146, 153, 208

Tritanomaly
145, 155, 186

Monochromacy



Original Color
149, 153, 208

Achromatopsia
158, 158, 158

Achromatomaly
155, 156, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 153, 208 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(149, 153, 208)` looks like.

```
.text, #text, p{  
    color:rgb(149, 153, 208)  
}
```

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(149, 153, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 153, 208) }
```

Border

The CSS property to change the border of an element to RYB 149, 153, 208 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(149, 153, 208) }
```

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

```
.border{ border-color:rgb(149, 153, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 153, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 153, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 153, 208);  
box-shadow:4px 4px 4px 4px rgb(149, 153,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 149, 153, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 153, 208) }
```

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

```
.background{ background-color: rgb(149,  
153, 208) }
```

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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