

Converting Colors

`RYB(149, 132, 188)`

Have a look what the booklet for RYB(149, 132, 188) contains.

RYB(149, 132, 188)	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, 132, 188)

Conversions

Conversions Part 1

Format	Color
Hex	9584BC
RGB	149, 132, 188
RGB Percent	58%, 52%, 74%
CMY	0.4157, 0.4824, 0.2627
CMYK	0.21, 0.30, 0.00, 0.26
HSL	258°, 29%, 63%
HSV	258°, 30%, 74%
XYZ	29.7228, 26.5229, 51.1298
YIQ	143.4670, -7.8440, 21.0200

Conversions

Conversions Part 2

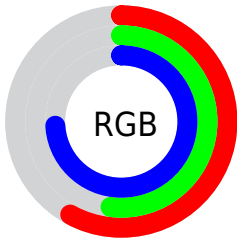
Format	Color
RYB	149, 132, 188
Decimal	9798844
CIELab	58.53, 18.13, -26.95
CIELCh	59, 32.484, 303.926
Yxy	26.5229, 0.2768, 0.2470
Android (android.graphics.Color)	4287988924 (0xFF9584BC)
YUV	143.4670, 21.9548, 4.8524
Hunter-Lab	51.5004, 12.8932, -22.8131

Details

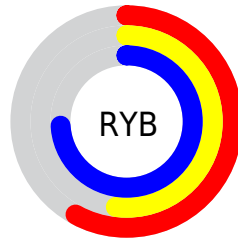
The RYB color **149, 132, 188** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **132, 188, 149**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **204, 185, 244**, and **97, 82, 135** is the 20% darker color. If you saturate the color by 10%, you get **136, 113, 188**, and if you desaturate by 10%, it is **162, 151, 188**.

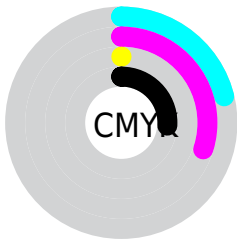
Distribution



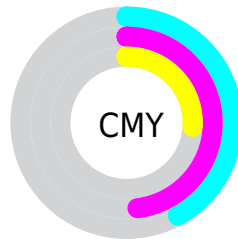
- Red (58%)
- Green (52%)
- Blue (74%)



- Red (58%)
- Yellow (52%)
- Blue (74%)



- Cyan (21%)
- Magenta (30%)
- Yellow (0%)
- Black (26%)



- Cyan (42%)
- Magenta (48%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the RYB color 149, 132, 188 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, 132, 188 by changing the saturation by 10% instead.

 149, 132, 188

255, 255, 255

 204, 185, 244

 232, 213, 255

 255, 241, 255

 149, 132, 188

 123, 107, 161

 97, 82, 135

 73, 59, 109

 49, 37, 84


 25, 17, 61

 0, 0, 39

 0, 1, 16

 0, 0, 0

 149, 132, 188

 149, 132, 188

■ 136, 113, 188

■ 162, 151, 188

■ 123, 94, 188

■ 175, 170, 188

■ 110, 76, 188

■ 188, 188, 188

■ 97, 57, 188

■ 188, 207, 194

■ 84, 38, 188

■ 188, 226, 200

■ 70, 19, 188

■ 188, 245, 205

■ 57, 0, 188

■ 188, 255, 202

■ 188, 255, 189

■ 188, 255, 188

Harmonies

Analogous

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



106, 132, 197



149, 132, 188



180, 123, 166

Triad

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



149, 132, 188



180, 162, 90



52, 107, 156

Complementary

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



149, 132, 188



132, 188, 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.



91, 137, 154



149, 132, 188



103, 156, 83

Square

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



149, 132, 188



194, 124, 110



93, 148, 115



19, 91, 172

Rectangle

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



149, 132, 188



192, 119, 148



93, 148, 115



66, 117, 156

Sweetspot

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



149, 132, 188



229, 223, 245



132, 155, 188



113, 109, 122



250, 250, 250



122, 122, 122

Same Dimension

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



149, 132, 188



183, 157, 245



177, 132, 188



88, 85, 94



48, 0, 158



9, 0, 31

Inverse Universe

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



188, 132, 171



245, 157, 218



132, 188, 177



94, 85, 91



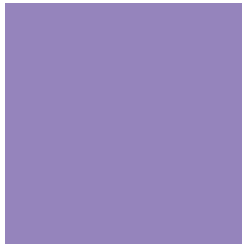
158, 0, 110



31, 0, 21

Previews

White Background



This preview shows how the RYB color 149, 132, 188 looks on a white background.

Color Contrast Check

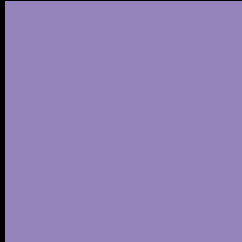
Large Text (above 18pt) WCAG AA ✓ Pass

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, 132, 188 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 × Fail

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

RYB 149, 132, 188 Background



This preview shows how black text looks on a background with the RYB color 149, 132, 188.



This preview shows how white text looks on a background with the RYB color 149, 132, 188.

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, 132, 188

Protanopia
125, 137, 193

Deuteranopia
129, 138, 187



Tritanopia

142, 139, 150

Trichromacy



Original Color
149, 132, 188

Protanomaly
134, 136, 191

Deuteranomaly
136, 136, 187

Tritanomaly
145, 136, 164

Monochromacy



Original Color
149, 132, 188

Achromatopsia
143, 143, 143

Achromatomaly
145, 139, 159

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 132, 188 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, 132, 188) looks like.

```
.text, #text, p{  
    color:rgb(149, 132, 188)  
}
```

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, 132, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 132, 188) }
```

Border

The CSS property to change the border of an element to RYB 149, 132, 188 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, 132, 188) }
```

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

```
.border{ border-color:rgb(149, 132, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 132, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 132, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 132, 188);  
box-shadow:4px 4px 4px 4px rgb(149, 132,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 149, 132, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 132, 188) }
```

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

```
.background{ background-color: rgb(149,  
132, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor