

Converting Colors

`RYB(149, 130, 213)`

Have a look what the booklet for RYB(149, 130, 213) contains.

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Color

R_YB(149, 130, 213)

Conversions

Conversions Part 1

Format	Color
Hex	9582D5
RGB	149, 130, 213
RGB Percent	58%, 51%, 84%
CMY	0.4157, 0.4902, 0.1647
CMYK	0.30, 0.39, 0.00, 0.16
HSL	254°, 50%, 67%
HSV	254°, 39%, 84%
XYZ	32.3873, 27.1589, 66.4860
YIQ	145.1430, -15.3190, 29.8410

Conversions

Conversions Part 2

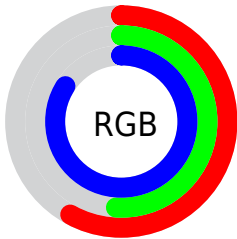
Format	Color
RYB	149, 130, 213
Decimal	9798357
CIELab	59.12, 25.44, -40.16
CIELCh	59, 47.534, 302.350
Yxy	27.1589, 0.2570, 0.2155
Android (android.graphics.Color)	4287988437 (0xFF9582D5)
YUV	145.1430, 33.4535, 3.3826
Hunter-Lab	52.1142, 19.7321, -39.1607

Details

The RYB color **149, 130, 213** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **130, 213, 149**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **205, 183, 255**, and **96, 80, 158** is the 20% darker color. If you saturate the color by 10%, you get **133, 109, 213**, and if you desaturate by 10%, it is **165, 151, 213**.

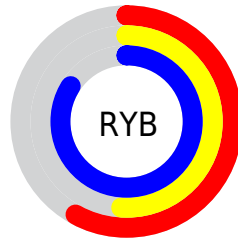
Distribution



Red (58%)

Green (51%)

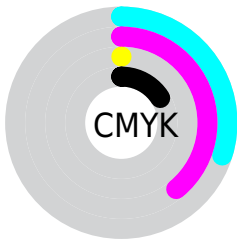
Blue (84%)



Red (58%)

Yellow (51%)

Blue (84%)

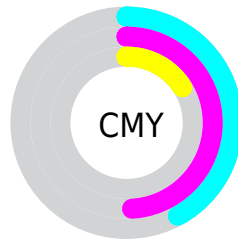


Cyan (30%)

Magenta (39%)

Yellow (0%)

Black (16%)



Cyan (42%)


Magenta (49%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 130, 213 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, 130, 213 by changing the saturation by 10% instead.


 149, 130, 213


255, 255, 255

 205, 183, 255

 234, 211, 255

 255, 239, 255

 149, 130, 213

 122, 105, 185

 96, 80, 158

 69, 57, 131

 43, 35, 106

 12, 15, 81

 0, 0, 58

 0, 2, 35

 0, 0, 10

 0, 0, 0


 149, 130, 213


 149, 130, 213


 133, 109, 213

 165, 151, 213

 116, 87, 213

 182, 173, 213

 100, 66, 213


 198, 194, 213

 83, 45, 213


 213, 215, 213

 67, 23, 213

 213, 236, 218

 50, 2, 213

 213, 255, 220

 49, 0, 213

 213, 255, 213

Harmonies

Analogous

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



68, 120, 226



149, 130, 213



196, 114, 182

Triad

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



149, 130, 213



197, 173, 68



0, 87, 163

Complementary

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



149, 130, 213



130, 213, 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.



63, 132, 160



149, 130, 213



83, 163, 55

Square

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



149, 130, 213



217, 113, 100



68, 153, 101



0, 87, 186

Rectangle

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



149, 130, 213



214, 107, 155



68, 153, 101



0, 91, 163

Sweetspot

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



149, 130, 213



231, 224, 255



130, 166, 213



114, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



149, 130, 213



163, 135, 255



189, 130, 213



99, 96, 107



39, 0, 171



10, 0, 43

Inverse Universe

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



213, 130, 194



255, 135, 228



130, 213, 189



107, 96, 105



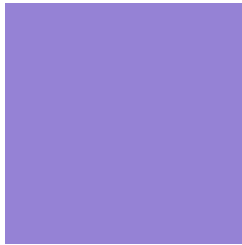
171, 0, 132



43, 0, 33

Previews

White Background



This preview shows how the RYB color 149, 130, 213 looks on a white background.

Color Contrast Check

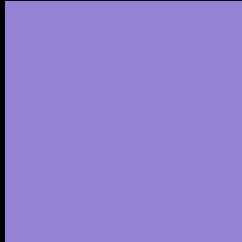
Large Text (above 18pt) WCAG AA ✓ Pass

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, 130, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

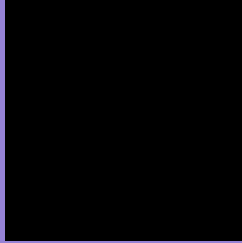
Any Text WCAG AA ✓ Pass

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, 130, 213 Background



This preview shows how black text looks on a background with the RYB color 149, 130, 213.



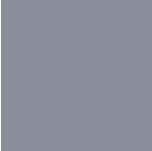
This preview shows how white text looks on a background with the RYB color 149, 130, 213.

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





Tritanopia
137, 141, 154

Trichromacy



Original Color
149, 130, 213

Protanomaly
125, 135, 218

Deuteranomaly
125, 136, 212

Tritanomaly
141, 138, 175

Monochromacy



Original Color
149, 130, 213

Achromatopsia
145, 145, 145

Achromatomaly
146, 140, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 130, 213 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, 130, 213)` looks like.

```
.text, #text, p{  
    color:rgb(149, 130, 213)  
}
```

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, 130, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 130, 213) }
```

Border

The CSS property to change the border of an element to RYB 149, 130, 213 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, 130, 213) }
```

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

```
.border{ border-color:rgb(149, 130, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 130, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 130, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 130, 213);  
box-shadow:4px 4px 4px 4px rgb(149, 130,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 149, 130, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 130, 213) }
```

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

```
.background{ background-color: rgb(149,  
130, 213) }
```

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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