

Converting Colors

`RYB(182, 149, 213)`

Have a look what the booklet for
RYB(182, 149, 213) contains.

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Color

R_YB(182, 149, 213)

Conversions

Conversions Part 1

Format	Color
Hex	B695D5
RGB	182, 149, 213
RGB Percent	71%, 58%, 84%
CMY	0.2863, 0.4157, 0.1647
CMYK	0.15, 0.30, 0.00, 0.16
HSL	271°, 43%, 71%
HSV	271°, 30%, 84%
XYZ	42.0491, 36.2441, 67.7304
YIQ	166.1630, -0.8760, 26.9000

Conversions

Conversions Part 2

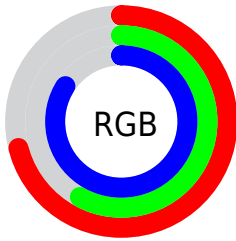
Format	Color
RYB	182, 149, 213
Decimal	11965909
CIELab	66.71, 24.49, -28.13
CIElCh	67, 37.301, 311.047
Yxy	36.2441, 0.2880, 0.2482
Android (android.graphics.Color)	4290155989 (0xFFB695D5)
YUV	166.1630, 23.0906, 13.8890
Hunter-Lab	60.2030, 19.3188, -24.5610

Details

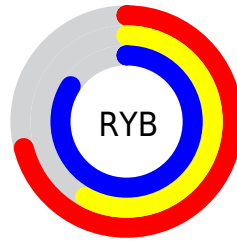
The RYB color **182, 149, 213** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **149, 213, 182**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **239, 203, 255**, and **128, 98, 158** is the 20% darker color. If you saturate the color by 10%, you get **172, 128, 213**, and if you desaturate by 10%, it is **192, 170, 213**.

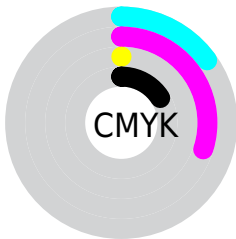
Distribution



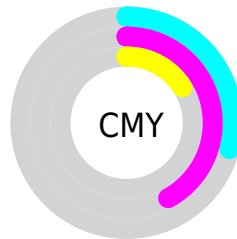
- Red (71%)
- Green (58%)
- Blue (84%)



- Red (71%)
- Yellow (58%)
- Blue (84%)



- Cyan (15%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)




- Cyan (29%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 149, 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 182, 149, 213 by changing the saturation by 10% instead.

 182, 149, 213

 182, 149, 213


255, 255, 255

 155, 123, 185

 239, 203, 255

 128, 98, 158

 255, 232, 255

 103, 74, 132

 78, 51, 106

 53, 29, 82


 30, 7, 59


 0, 0, 37


 0, 0, 13


 0, 0, 0

 182, 149, 213


 182, 149, 213

 172, 128, 213


 192, 170, 213

 161, 106, 213

 203, 192, 213

 151, 85, 213


 213, 213, 213

 141, 64, 213


 213, 234, 224

 130, 42, 213

 213, 255, 234

 120, 21, 213

 213, 255, 224

 110, 0, 213

 213, 255, 214

 213, 255, 213

Harmonies

Analogous

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



134, 155, 228



182, 149, 213



214, 139, 185

Triad

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



182, 149, 213



192, 202, 99



40, 112, 180

Complementary

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



182, 149, 213



149, 213, 182

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.



93, 149, 179



182, 149, 213



104, 172, 95

Square

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



182, 149, 213



222, 148, 120



110, 173, 148



0, 95, 205

Rectangle

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



182, 149, 213



225, 136, 162



110, 173, 148



60, 125, 180

Sweetspot

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



182, 149, 213



244, 232, 255



149, 170, 213



121, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



182, 149, 213



211, 163, 255



213, 149, 213



102, 96, 107



88, 0, 171



22, 0, 43

Inverse Universe

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



213, 149, 180



255, 163, 208



149, 213, 213



107, 96, 102



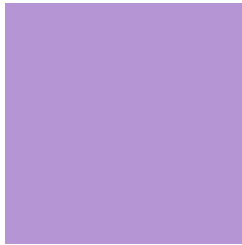
171, 0, 83



43, 0, 21

Previews

White Background



This preview shows how the RYB color 182, 149, 213 looks on a white background.

Color Contrast Check

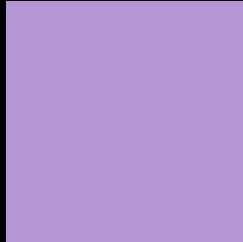
Large Text (above 18pt) WCAG AA × Fail

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 182, 149, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

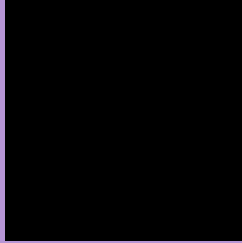
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

RYB 182, 149, 213 Background



This preview shows how black text looks on a background with the RYB color 182, 149, 213.



This preview shows how white text looks on a background with the RYB color 182, 149, 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



Original Color
182, 149, 213

Protanopia
145, 158, 221

Deuteranopia
152, 159, 211



Tritanopia
175, 157, 170

Trichromacy



Original Color
182, 149, 213

Protanomaly
158, 156, 218

Deuteranomaly
163, 156, 212

Tritanomaly
178, 154, 186

Monochromacy



Original Color
182, 149, 213

Achromatopsia
166, 166, 166

Achromatomaly
172, 160, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 149, 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(182, 149, 213)` looks like.

```
.text, #text, p{  
    color:rgb(182, 149, 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(182, 149, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 149, 213) }
```

Border

The CSS property to change the border of an element to RYB 182, 149, 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(182, 149, 213) }
```

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

```
.border{ border-color:rgb(182, 149, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 149, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 149, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 149, 213);  
box-shadow:4px 4px 4px 4px rgb(182, 149,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 182, 149, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 149, 213) }
```

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

```
.background{ background-color: rgb(182,  
149, 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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