

Converting Colors

`RYB(196, 149, 211)`

Have a look what the booklet for
RYB(196, 149, 211) contains.

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Color

R_YB(196, 149, 211)

Conversions

Conversions Part 1

Format	Color
Hex	C495D3
RGB	196, 149, 211
RGB Percent	77%, 58%, 83%
CMY	0.2314, 0.4157, 0.1725
CMYK	0.07, 0.29, 0.00, 0.17
HSL	285°, 41%, 71%
HSV	285°, 29%, 83%
XYZ	45.2703, 37.9338, 66.5640
YIQ	170.1210, 8.1100, 29.2460

Conversions

Conversions Part 2

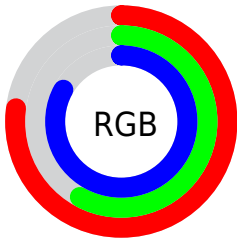
Format	Color
R_{YB}	196, 149, 211
Decimal	12883411
CIE _{Lab}	67.97, 28.53, -24.96
CIE _{LCh}	68, 37.909, 318.814
Yxy	37.9338, 0.3023, 0.2533
Android (android.graphics.Color)	4291073491 (0xFFC495D3)
YUV	170.1210, 20.1533, 22.6959
Hunter-Lab	61.5904, 23.4180, -20.9645

Details

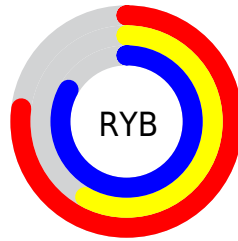
The RYB color **196, 149, 211** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **149, 211, 196**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **253, 204, 255**, and **141, 98, 156** is the 20% darker color. If you saturate the color by 10%, you get **191, 128, 211**, and if you desaturate by 10%, it is **201, 170, 211**.

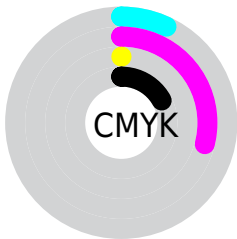
Distribution



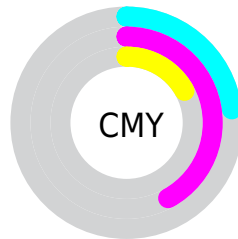
- Red (77%)
- Green (58%)
- Blue (83%)



- Red (77%)
- Yellow (58%)
- Blue (83%)



- Cyan (7%)
- Magenta (29%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 149, 211 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 196, 149, 211 by changing the saturation by 10% instead.

 196, 149, 211


255, 255, 255


 253, 204, 255

 255, 232, 255

 196, 149, 211

 168, 123, 183


 141, 98, 156

 115, 73, 130

 90, 50, 105

 66, 27, 80

 42, 4, 57


 21, 0, 36


 0, 0, 10

 0, 0, 0

 196, 149, 211


 196, 149, 211


 191, 128, 211


 201, 170, 211


 186, 107, 211


 206, 191, 211


 181, 86, 211


 211, 212, 212


 176, 65, 211

 211, 233, 228


 170, 44, 211

 211, 255, 244


 165, 22, 211


 211, 255, 239

 160, 1, 211

 211, 255, 234

 160, 0, 211

 211, 255, 229

 211, 255, 224

Harmonies

Analogous

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



151, 161, 230



196, 149, 211



224, 140, 180

Triad

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



196, 149, 211



164, 199, 98



23, 104, 187

Complementary

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



196, 149, 211



149, 211, 196

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.



82, 142, 183



196, 149, 211



100, 170, 104

Square

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



196, 149, 211



223, 160, 116



119, 179, 171



19, 108, 216

Rectangle

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



196, 149, 211



232, 139, 157



119, 179, 171



46, 117, 184

Sweetspot

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



196, 149, 211



249, 232, 255



149, 162, 211



124, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 149, 211



233, 166, 255



211, 149, 195



102, 94, 105



128, 0, 168



31, 0, 41

Inverse Universe

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



211, 149, 164



255, 166, 187



149, 198, 211



105, 94, 97



168, 0, 41



41, 0, 10

Previews

White Background



This preview shows how the RYB color 196, 149, 211 looks on a white background.

Color Contrast Check

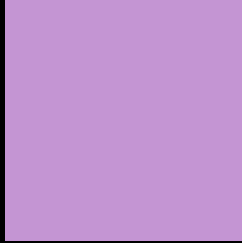
Large Text (above 18pt) WCAG AA × Fail

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 196, 149, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

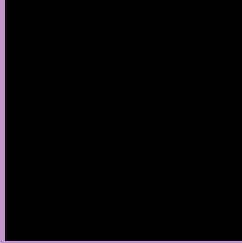
Any Text WCAG AA ✓ Pass

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 196, 149, 211 Background



This preview shows how black text looks on a background with the RYB color 196, 149, 211.

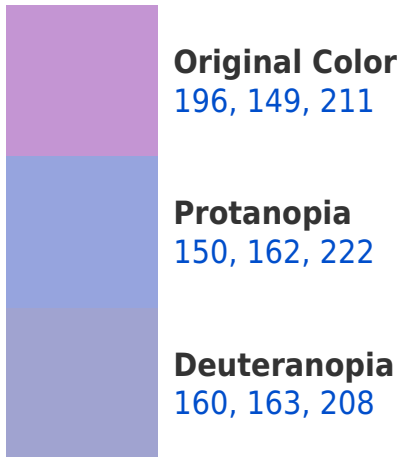


This preview shows how white text looks on a background with the RYB color 196, 149, 211.

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
190, 157, 169

Trichromacy



Original Color
196, 149, 211

Protanomaly
167, 159, 218

Deuteranomaly
173, 158, 209

Tritanomaly
192, 154, 184

Monochromacy



Original Color
196, 149, 211

Achromatopsia
170, 170, 170

Achromatomaly
179, 162, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 149, 211 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(196, 149, 211)` looks like.

```
.text, #text, p{  
    color:rgb(196, 149, 211)  
}
```

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(196, 149, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 149, 211) }
```

Border

The CSS property to change the border of an element to RYB 196, 149, 211 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(196, 149, 211) }
```

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

```
.border{ border-color:rgb(196, 149, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 149, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 149, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 149, 211);  
box-shadow:4px 4px 4px 4px rgb(196, 149,  
211) }
```

Background

The CSS property to change the background color of an element to RYB 196, 149, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 149, 211) }
```

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

```
.background{ background-color: rgb(196,  
149, 211) }
```

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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