

Converting Colors

`RYB(213, 149, 215)`

Have a look what the booklet for RYB(213, 149, 215) contains.

RYB(213, 149, 215)	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

$\text{RYB}(213, 149, 215)$

Conversions

Conversions Part 1

Format	Color
Hex	D595D7
RGB	213, 149, 215
RGB Percent	84%, 58%, 84%
CMY	0.1647, 0.4157, 0.1569
CMYK	0.01, 0.31, 0.00, 0.16
HSL	298°, 45%, 71%
HSV	298°, 31%, 84%
XYZ	50.4538, 40.5473, 69.4572
YIQ	175.6600, 16.9580, 34.0940

Conversions

Conversions Part 2

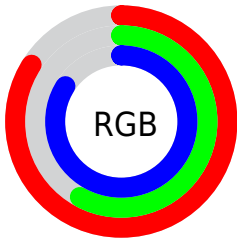
Format	Color
RYB	213, 149, 215
Decimal	13997527
CIELab	69.86, 34.77, -24.14
CIElCh	70, 42.325, 325.232
Yxy	40.5473, 0.3144, 0.2527
Android (android.graphics.Color)	4292187607 (0xFFD595D7)
YUV	175.6600, 19.3946, 32.7472
Hunter-Lab	63.6768, 29.9986, -20.0984

Details

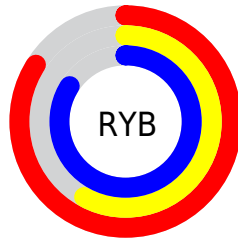
The RYB color **213, 149, 215** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **149, 215, 213**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 204, 255**, and **157, 97, 160** is the 20% darker color. If you saturate the color by 10%, you get **212, 127, 215**, and if you desaturate by 10%, it is **214, 171, 215**.

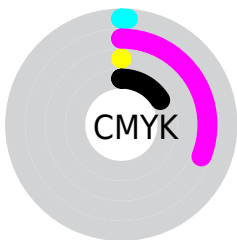
Distribution



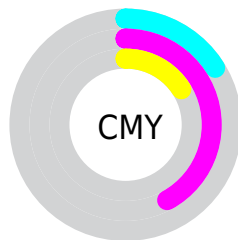
- Red (84%)
- Green (58%)
- Blue (84%)



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



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 149, 215 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 213, 149, 215 by changing the saturation by 10% instead.

 213, 149, 215

255, 255, 255


 255, 204, 255

 255, 232, 255

 213, 149, 215

 185, 123, 187

 157, 97, 160

 131, 72, 134

 105, 48, 108

 79, 24, 84

 55, 0, 60


 36, 0, 39

 0, 1, 15


 0, 0, 0

 213, 149, 215


 213, 149, 215

 212, 127, 215


 214, 171, 215

 212, 106, 215

 214, 192, 215

 211, 85, 215

 215, 214, 215

 210, 63, 215

 215, 235, 234

 210, 42, 215

 215, 255, 254

 209, 20, 215

 215, 255, 253

 208, 0, 215

 215, 255, 252

 215, 255, 251

Harmonies

Analogous

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



165, 163, 240



213, 149, 215



239, 140, 178

Triad

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



213, 149, 215



145, 201, 93



0, 98, 202

Complementary

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



213, 149, 215



149, 215, 213

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.



57, 131, 190



213, 149, 215



99, 178, 115

Square

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



213, 149, 215



230, 178, 109



117, 179, 186



0, 103, 233

Rectangle

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



213, 149, 215



245, 140, 152



117, 179, 186



0, 96, 191

Sweetspot

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



213, 149, 215



254, 232, 255



149, 151, 215



127, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 149, 215



252, 161, 255



215, 149, 184



107, 96, 107



166, 0, 171



42, 0, 43

Inverse Universe

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



215, 149, 151



255, 161, 164



149, 194, 215



107, 96, 97



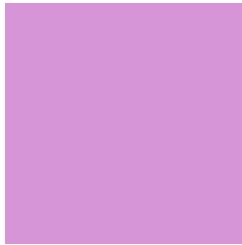
171, 0, 5



43, 0, 1

Previews

White Background



This preview shows how the RYB color 213, 149, 215 looks on a white background.

Color Contrast Check

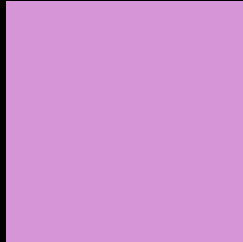
Large Text (above 18pt) WCAG AA × Fail

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 213, 149, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

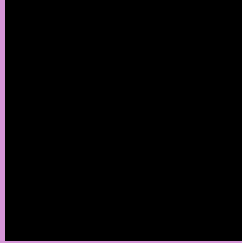
Any Text WCAG AA ✓ Pass

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 213, 149, 215 Background



This preview shows how black text looks on a background with the RYB color 213, 149, 215.

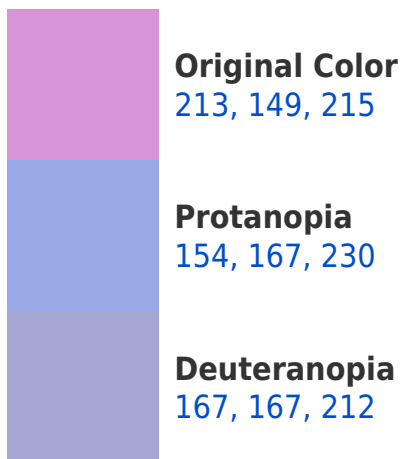


This preview shows how white text looks on a background with the RYB color 213, 149, 215.

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
207, 158, 170

Trichromacy



Original Color

213, 149, 215



Protanomaly

175, 162, 225



Deuteranomaly

184, 160, 213



Tritanomaly

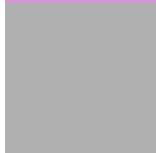
209, 155, 186

Monochromacy



Original Color

213, 149, 215



Achromatopsia

176, 176, 176



Achromatomaly

189, 166, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 149, 215 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(213, 149, 215) looks like.

```
.text, #text, p{  
    color:rgb(213, 149, 215)  
}
```

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(213, 149, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 149, 215) }
```

Border

The CSS property to change the border of an element to RYB 213, 149, 215 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(213, 149, 215) }
```

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

```
.border{ border-color:rgb(213, 149, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 149, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 149, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 149, 215);  
box-shadow:4px 4px 4px 4px rgb(213, 149,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 213, 149, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 149, 215) }
```

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

```
.background{ background-color: rgb(213,  
149, 215) }
```

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