

Converting Colors

`RYB(213, 148, 224)`

Have a look what the booklet for
RYB(213, 148, 224) contains.

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Color

R_YB(213, 148, 224)

Conversions

Conversions Part 1

Format	Color
Hex	D594E0
RGB	213, 148, 224
RGB Percent	84%, 58%, 88%
CMY	0.1647, 0.4196, 0.1216
CMYK	0.05, 0.34, 0.00, 0.12
HSL	291°, 55%, 73%
HSV	291°, 34%, 88%
XYZ	51.4850, 40.7078, 75.6648
YIQ	176.0990, 14.3440, 37.4160

Conversions

Conversions Part 2

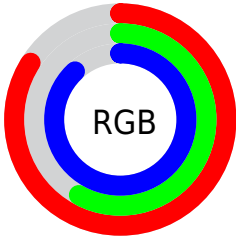
Format	Color
R _Y B	213, 148, 224
Decimal	13997280
CIE Lab	69.97, 37.02, -28.92
CIE LCh	70, 46.981, 321.999
Yxy	40.7078, 0.3067, 0.2425
Android (android.graphics.Color)	4292187360 (0xFFD594E0)
YUV	176.0990, 23.6152, 32.3622
Hunter-Lab	63.8026, 32.3845, -25.6514

Details

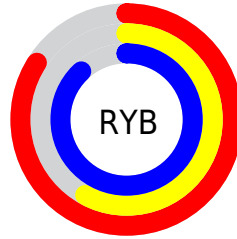
The RYB color **213, 148, 224** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **148, 224, 213**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 203, 255**, and **157, 96, 169** is the 20% darker color. If you saturate the color by 10%, you get **210, 126, 224**, and if you desaturate by 10%, it is **216, 170, 224**.

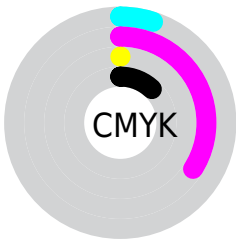
Distribution



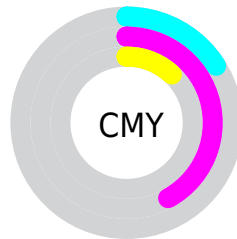
- Red (84%)
- Green (58%)
- Blue (88%)



- Red (84%)
- Yellow (58%)
- Blue (88%)



- Cyan (5%)
- Magenta (34%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (42%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 148, 224 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, 148, 224 by changing the saturation by 10% instead.

 213, 148, 224

255, 255, 255

 255, 203, 255

 255, 231, 255

 213, 148, 224

 185, 122, 196

 157, 96, 169

 130, 71, 142

 104, 47, 116

 79, 22, 91

 54, 0, 67


 35, 0, 45


 0, 1, 23

 0, 0, 0

 213, 148, 224


 213, 148, 224

 210, 126, 224


 216, 170, 224

 207, 103, 224

 219, 193, 224

 203, 81, 224


 223, 215, 224

 200, 58, 224

 224, 238, 236

 197, 36, 224

 224, 255, 250

 194, 14, 224

 224, 255, 247

 192, 0, 224

 224, 255, 243

 224, 255, 240

 224, 255, 237

Harmonies

Analogous

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



157, 164, 250



213, 148, 224



245, 137, 184

Triad

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



213, 148, 224



149, 207, 85



0, 99, 202

Complementary

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



213, 148, 224



148, 224, 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.



38, 125, 192



213, 148, 224



89, 178, 101

Square

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



213, 148, 224



238, 171, 105



116, 186, 187



0, 105, 237

Rectangle

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



213, 148, 224



252, 136, 155



116, 186, 187



0, 98, 193

Sweetspot

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



213, 148, 224



251, 230, 255



148, 158, 224



125, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 148, 224



240, 150, 255



224, 148, 197



111, 101, 112



150, 0, 176



41, 0, 48

Inverse Universe

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



224, 148, 159



255, 150, 166



148, 204, 224



112, 101, 103



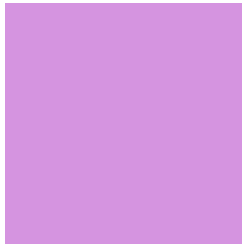
176, 0, 25



48, 0, 7

Previews

White Background



This preview shows how the RYB color 213, 148, 224 looks on a white background.

Color Contrast Check

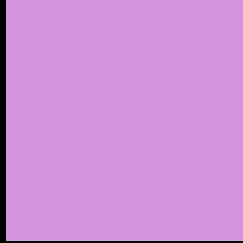
Large Text (above 18pt) WCAG AA × Fail

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, 148, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

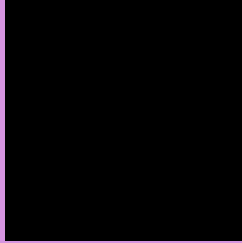
Any Text WCAG AA ✓ Pass

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, 148, 224 Background



This preview shows how black text looks on a background with the RYB color 213, 148, 224.

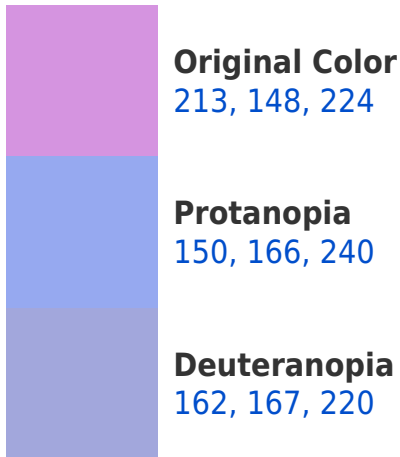


This preview shows how white text looks on a background with the RYB color 213, 148, 224.

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
206, 159, 171

Trichromacy



Original Color

213, 148, 224



Protanomaly

173, 161, 234



Deuteranomaly

181, 161, 221



Tritanomaly

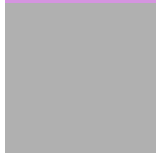
209, 155, 190

Monochromacy



Original Color

213, 148, 224



Achromatopsia

176, 176, 176



Achromatomaly

189, 166, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 148, 224 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, 148, 224) looks like.

```
.text, #text, p{  
    color:rgb(213, 148, 224)  
}
```

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, 148, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 148, 224) }
```

Border

The CSS property to change the border of an element to RYB 213, 148, 224 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, 148, 224) }
```

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

```
.border{ border-color:rgb(213, 148, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 148, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 148, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 148, 224);  
box-shadow:4px 4px 4px 4px rgb(213, 148,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 213, 148, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 148, 224) }
```

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

```
.background{ background-color: rgb(213,  
148, 224) }
```

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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