

Converting Colors

`RYB(215, 165, 217)`

Have a look what the booklet for
RYB(215, 165, 217) contains.

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Color

R_YB(215, 165, 217)

Conversions

Conversions Part 1

Format	Color
Hex	D7A5D9
RGB	215, 165, 217
RGB Percent	84%, 65%, 85%
CMY	0.1569, 0.3529, 0.1490
CMYK	0.01, 0.24, 0.00, 0.15
HSL	298°, 41%, 75%
HSV	298°, 24%, 85%
XYZ	54.0039, 46.3671, 71.7491
YIQ	185.8780, 13.1080, 26.7720

Conversions

Conversions Part 2

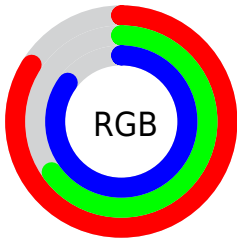
Format	Color
R_{YB}	215, 165, 217
Decimal	14132697
CIE _{Lab}	73.78, 27.13, -19.24
CIE _{LCh}	74, 33.260, 324.654
Yxy	46.3671, 0.3138, 0.2694
Android (android.graphics.Color)	4292322777 (0xFFD7A5D9)
YUV	185.8780, 15.3431, 25.5400
Hunter-Lab	68.0934, 22.4023, -14.8077

Details

The RYB color **215, 165, 217** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **165, 217, 215**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 220, 255**, and **160, 113, 162** is the 20% darker color. If you saturate the color by 10%, you get **214, 143, 217**, and if you desaturate by 10%, it is **216, 187, 217**.

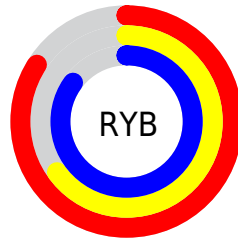
Distribution



Red (84%)

Green (65%)

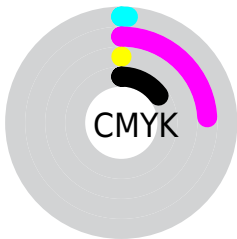
Blue (85%)



Red (84%)

Yellow (65%)

Blue (85%)

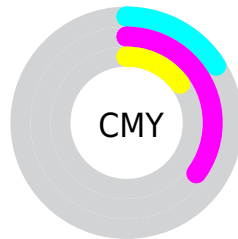


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (15%)



Cyan (16%)


Magenta (35%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 165, 217 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 215, 165, 217 by changing the saturation by 10% instead.


 215, 165, 217


255, 255, 255

 255, 220, 255

 255, 249, 255

 215, 165, 217


 187, 138, 189

 160, 113, 162

 133, 88, 136

 107, 64, 110

 82, 41, 86

 58, 18, 62

 37, 0, 40

 0, 1, 19

 0, 0, 0

■ 215, 165, 217

■ 215, 165, 217

■ 214, 143, 217

■ 216, 187, 217

■ 213, 122, 217

■ 217, 208, 217

■ 212, 100, 217

■ 217, 230, 229

■ 212, 78, 217

■ 217, 252, 251

■ 211, 57, 217

■ 217, 255, 253

■ 210, 35, 217

■ 217, 255, 252

■ 209, 13, 217

■ 217, 255, 251

■ 209, 0, 217

■ 217, 255, 250

■ 217, 255, 249

Harmonies

Analogous

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



178, 175, 237



215, 165, 217



237, 159, 188

Triad

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



215, 165, 217



167, 208, 121



80, 141, 206

Complementary

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



215, 165, 217



165, 217, 215

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.



105, 158, 198



215, 165, 217



125, 187, 136

Square

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



215, 165, 217



231, 185, 133



141, 190, 194



91, 150, 230

Rectangle

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



215, 165, 217



242, 159, 167



141, 190, 194



86, 143, 198

Sweetspot

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



215, 165, 217



254, 237, 255



165, 168, 217



127, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



215, 165, 217



252, 181, 255



217, 165, 194



109, 99, 110



167, 0, 173



44, 0, 46

Inverse Universe

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



217, 165, 167



255, 181, 184



165, 201, 217



110, 99, 99



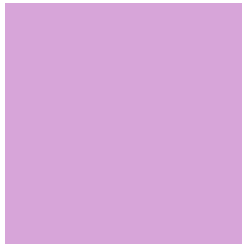
173, 0, 7



46, 0, 2

Previews

White Background



This preview shows how the RYB color 215, 165, 217 looks on a white background.

Color Contrast Check

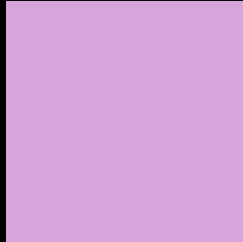
Large Text (above 18pt) WCAG AA × Fail

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 215, 165, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

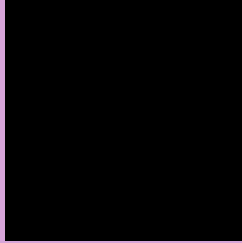
Any Text WCAG AA ✓ Pass

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 215, 165, 217 Background



This preview shows how black text looks on a background with the RYB color 215, 165, 217.

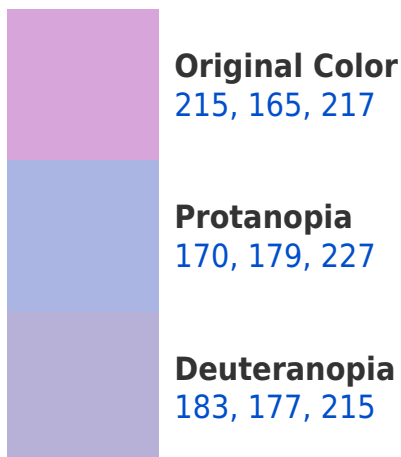


This preview shows how white text looks on a background with the RYB color 215, 165, 217.

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
210, 171, 184

Trichromacy



Original Color
215, 165, 217

Protanomaly
186, 175, 223

Deuteranomaly
195, 173, 216

Tritanomaly
212, 169, 196

Monochromacy



Original Color
215, 165, 217

Achromatopsia
186, 186, 186

Achromatomaly
197, 178, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 165, 217 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(215, 165, 217) looks like.

```
.text, #text, p{  
    color:rgb(215, 165, 217)  
}
```

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(215, 165, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 165, 217) }
```

Border

The CSS property to change the border of an element to RYB 215, 165, 217 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(215, 165, 217) }
```

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

```
.border{ border-color:rgb(215, 165, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 165, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 165, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 165, 217);  
box-shadow:4px 4px 4px 4px rgb(215, 165,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 215, 165, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 165, 217) }
```

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

```
.background{ background-color: rgb(215,  
165, 217) }
```

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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