

Converting Colors

`RYB(215, 142, 179)`

Have a look what the booklet for
RYB(215, 142, 179) contains.

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Color

$\text{RYB}(215, 142, 179)$

Conversions

Conversions Part 1

Format	Color
Hex	D78EB3
RGB	215, 142, 179
RGB Percent	84%, 56%, 70%
CMY	0.1569, 0.4431, 0.2980
CMYK	0.00, 0.34, 0.17, 0.16
HSL	330°, 48%, 70%
HSV	330°, 34%, 84%
XYZ	45.8340, 37.0477, 47.3830
YIQ	168.0450, 31.6310, 26.9830

Conversions

Conversions Part 2

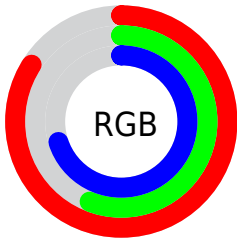
Format	Color
R_{YB}	215, 142, 179
Decimal	14126771
CIE _{Lab}	67.31, 32.98, -7.92
CIE _{LCh}	67, 33.920, 346.503
Yxy	37.0477, 0.3519, 0.2844
Android (android.graphics.Color)	4292316851 (0xFFD78EB3)
YUV	168.0450, 5.4008, 41.1795
Hunter-Lab	60.8669, 27.8972, -3.5487

Details

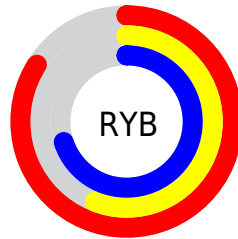
The RYB color **215, 142, 179** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **142, 191, 215**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **255, 197, 235**, and **159, 90, 126** is the 20% darker color. If you saturate the color by 10%, you get **215, 121, 168**, and if you desaturate by 10%, it is **215, 164, 190**.

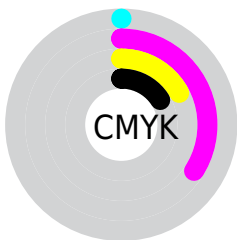
Distribution



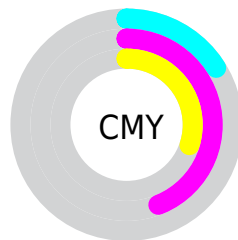
- Red (84%)
- Green (56%)
- Blue (70%)



- Red (84%)
- Yellow (56%)
- Blue (70%)



- Cyan (0%)
- Magenta (34%)
- Yellow (17%)
- Black (16%)



- Cyan (16%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 142, 179 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, 142, 179 by changing the saturation by 10% instead.

 215, 142, 179


255, 255, 255

 255, 197, 235

 255, 225, 255

255, 254, 255


 215, 142, 179

 187, 116, 152

 159, 90, 126

 132, 66, 101

 106, 42, 77

 80, 17, 55

 55, 0, 33

 34, 0, 9

 0, 0, 0

 215, 142, 179

 215, 142, 179

 215, 121, 168


 215, 164, 190

 215, 99, 158


 215, 185, 200

 215, 78, 147


 215, 207, 211

 215, 56, 137

 215, 224, 228

 215, 35, 126

 215, 239, 250

 215, 13, 115

 215, 239, 255

 215, 0, 109

 215, 236, 255

 215, 235, 255

Harmonies

Analogous

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



189, 150, 206



215, 142, 179



224, 141, 148

Triad

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



215, 142, 179



106, 168, 105



56, 123, 207

Complementary

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



215, 142, 179



142, 191, 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.



59, 120, 180



215, 142, 179



121, 175, 163

Square

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



215, 142, 179



176, 197, 105



95, 146, 179



99, 145, 223

Rectangle

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



215, 142, 179



221, 147, 129



95, 146, 179



51, 120, 199

Sweetspot

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



215, 142, 179



255, 230, 242



177, 142, 215



128, 112, 120



0, 0, 0



128, 128, 128

Same Dimension

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



215, 142, 179



255, 150, 203



215, 142, 143



107, 96, 102



171, 0, 87



43, 0, 22

Inverse Universe

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



215, 142, 179



255, 150, 203



142, 179, 215



107, 96, 102



171, 0, 87



43, 0, 22

Previews

White Background



This preview shows how the RYB color 215, 142, 179 looks on a white background.

Color Contrast Check

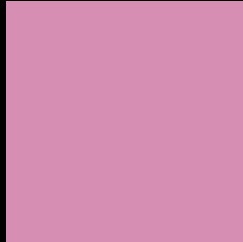
Large Text (above 18pt) WCAG AA × Fail

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, 142, 179 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, 142, 179 Background



This preview shows how black text looks on a background with the RYB color 215, 142, 179.

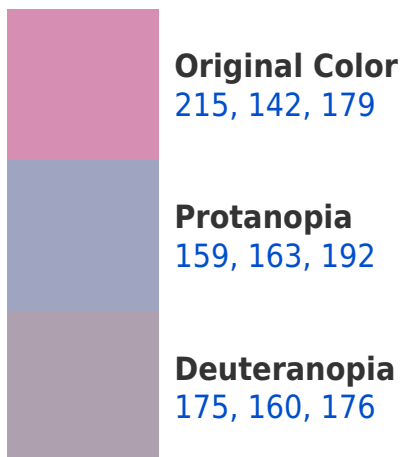


This preview shows how white text looks on a background with the RYB color 215, 142, 179.

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
213, 146, 157

Trichromacy



Original Color

215, 142, 179



Protanomaly

179, 155, 187



Deuteranomaly

190, 153, 177



Tritanomaly

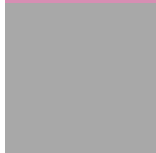
214, 145, 165

Monochromacy



Original Color

215, 142, 179



Achromatopsia

168, 168, 168



Achromatomaly

185, 159, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 142, 179 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, 142, 179) looks like.

```
.text, #text, p{  
    color:rgb(215, 142, 179)  
}
```

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, 142, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 142, 179) }
```

Border

The CSS property to change the border of an element to RYB 215, 142, 179 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, 142, 179) }
```

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

```
.border{ border-color:rgb(215, 142, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 142, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 142, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 142, 179);  
box-shadow:4px 4px 4px 4px rgb(215, 142,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 215, 142, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 142, 179) }
```

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

```
.background{ background-color: rgb(215,  
142, 179) }
```

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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