

Converting Colors

`RYB(215, 138, 162)`

Have a look what the booklet for
RYB(215, 138, 162) contains.

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Color

$\text{RYB}(215, 138, 162)$

Conversions

Conversions Part 1

Format	Color
Hex	D78AA2
RGB	215, 138, 162
RGB Percent	84%, 54%, 64%
CMY	0.1569, 0.4588, 0.3647
CMYK	0.00, 0.36, 0.25, 0.16
HSL	341°, 49%, 69%
HSV	341°, 36%, 84%
XYZ	43.6344, 35.2327, 38.6832
YIQ	163.7590, 38.1880, 23.7880

Conversions

Conversions Part 2

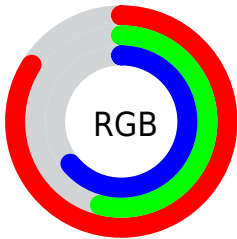
Format	Color
R _{YB}	215, 138, 162
Decimal	14125730
CIE Lab	65.93, 32.57, -0.39
CIE LCh	66, 32.574, 359.309
Yxy	35.2327, 0.3712, 0.2997
Android (android.graphics.Color)	4292315810 (0xFFD78AA2)
YUV	163.7590, -0.8672, 44.9384
Hunter-Lab	59.3571, 27.3434, 2.9105

Details

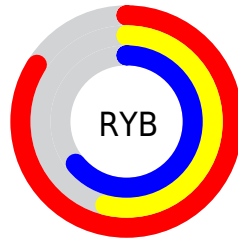
The RYB color **215, 138, 162** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **138, 184, 215**, and the grayscale version is **164, 164, 164**.

A 20% lighter version of the original color is **255, 192, 217**, and **159, 87, 110** is the 20% darker color. If you saturate the color by 10%, you get **215, 117, 147**, and if you desaturate by 10%, it is **215, 160, 177**.

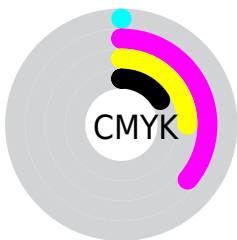
Distribution



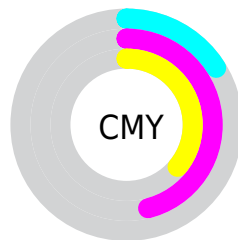
- Red (84%)
- Green (54%)
- Blue (64%)



- Red (84%)
- Yellow (54%)
- Blue (64%)



- Cyan (0%)
- Magenta (36%)
- Yellow (25%)
- Black (16%)



- Cyan (16%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 215, 138, 162 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, 138, 162 by changing the saturation by 10% instead.

 215, 138, 162

255, 255, 255

 255, 192, 217

 255, 221, 245

 255, 249, 255


 215, 138, 162

 186, 112, 136

 159, 87, 110

 131, 62, 86

 105, 38, 63

 79, 12, 41

 54, 0, 21

 28, 0, 1

 0, 0, 0

 215, 138, 162

 215, 138, 162

■ 215, 117, 147

■ 215, 160, 177

■ 215, 95, 132

■ 215, 181, 192

■ 215, 73, 118

■ 215, 203, 206

■ 215, 52, 103

■ 215, 220, 224

■ 215, 30, 88

■ 215, 233, 245

■ 215, 9, 73

■ 215, 236, 255

■ 215, 0, 67

■ 215, 235, 255

Harmonies

Analogous

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



197, 143, 190



215, 138, 162



217, 141, 133

Triad

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



215, 138, 162



108, 167, 125



74, 131, 210

Complementary

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



215, 138, 162



138, 184, 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.



55, 118, 188



215, 138, 162



116, 162, 173

Square

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



215, 138, 162



134, 181, 102



80, 133, 176



119, 149, 218

Rectangle

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



215, 138, 162



210, 157, 117



80, 133, 176



63, 125, 204

Sweetspot

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



215, 138, 162



255, 227, 236



191, 138, 215



128, 111, 116



0, 0, 0



128, 128, 128

Same Dimension

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



215, 138, 162



255, 145, 180



215, 155, 138



107, 96, 100



171, 0, 53



43, 0, 14

Inverse Universe

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



215, 138, 162



255, 145, 180



138, 173, 215



107, 96, 100



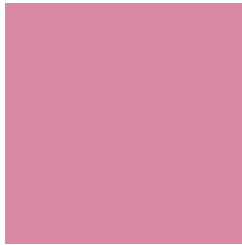
171, 0, 53



43, 0, 14

Previews

White Background



This preview shows how the RYB color 215, 138, 162 looks on a white background.

Color Contrast Check

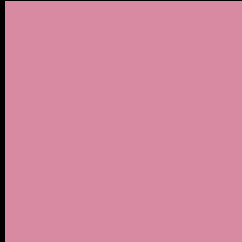
Large Text (above 18pt) WCAG AA × Fail

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, 138, 162 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, 138, 162 Background



This preview shows how black text looks on a background with the RYB color 215, 138, 162.



This preview shows how white text looks on a background with the RYB color 215, 138, 162.

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



Original Color
215, 138, 162

Protanopia
159, 160, 175

Deuteranopia
177, 155, 159



Tritanopia
214, 140, 151

Trichromacy



Original Color
215, 138, 162

Protanomaly
179, 152, 170

Deuteranomaly
191, 149, 160

Tritanomaly
214, 139, 155

Monochromacy



Original Color
215, 138, 162

Achromatopsia
164, 164, 164

Achromatomaly
183, 155, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 138, 162 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, 138, 162) looks like.

```
.text, #text, p{  
    color:rgb(215, 138, 162)  
}
```

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, 138, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 138, 162) }
```

Border

The CSS property to change the border of an element to RYB 215, 138, 162 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, 138, 162) }
```

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

```
.border{ border-color:rgb(215, 138, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 138, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 138, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 138, 162);  
box-shadow:4px 4px 4px 4px rgb(215, 138,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 215, 138, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 138, 162) }
```

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

```
.background{ background-color: rgb(215,  
138, 162) }
```

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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