

Converting Colors

`RYB(212, 132, 139)`

Have a look what the booklet for RYB(212, 132, 139) contains.

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Color

$\text{RYB}(212, 132, 139)$

Conversions

Conversions Part 1

Format	Color
Hex	D4848B
RGB	212, 132, 139
RGB Percent	83%, 52%, 55%
CMY	0.1686, 0.4824, 0.4549
CMYK	0.00, 0.38, 0.34, 0.17
HSL	355°, 48%, 67%
HSV	355°, 38%, 83%
XYZ	40.0628, 32.3637, 28.5614
YIQ	156.7180, 45.4330, 19.1370

Conversions

Conversions Part 2

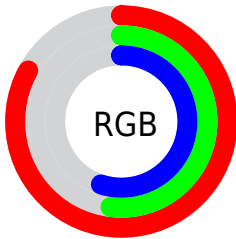
Format	Color
R _Y B	212, 132, 139
Decimal	13927563
CIE Lab	63.64, 31.60, 9.29
CIE LCh	64, 32.941, 16.375
Yxy	32.3637, 0.3967, 0.3205
Android (android.graphics.Color)	4292117643 (0xFFD4848B)
YUV	156.7180, -8.7350, 48.4823
Hunter-Lab	56.8891, 26.1487, 10.0556

Details

The RYB color **212, 132, 139** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **132, 174, 212**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **255, 186, 192**, and **155, 81, 89** is the 20% darker color. If you saturate the color by 10%, you get **212, 111, 120**, and if you desaturate by 10%, it is **212, 153, 158**.

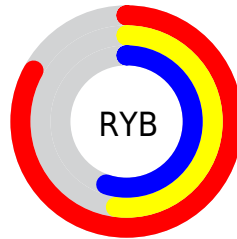
Distribution



Red (83%)

Green (52%)

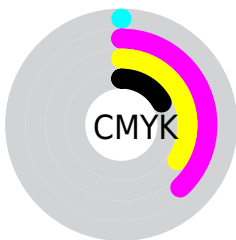
Blue (55%)



Red (83%)

Yellow (52%)

Blue (55%)

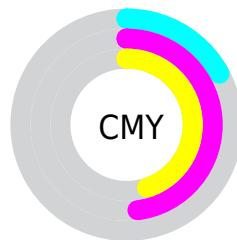


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (17%)



Cyan (17%)

Magenta (48%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 132, 139 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 212, 132, 139 by changing the saturation by 10% instead.

 212, 132, 139

255, 255, 255

 255, 186, 192

 255, 214, 220

 255, 243, 249

 212, 132, 139

 183, 106, 114


 155, 81, 89

 128, 57, 66

 101, 33, 44

 74, 6, 23

 51, 0, 0

 11, 0, 0

 0, 0, 0

 212, 132, 139

 212, 132, 139

■ 212, 111, 120

■ 212, 153, 158

■ 212, 90, 100

■ 212, 174, 178

■ 212, 68, 81

■ 212, 196, 197

■ 212, 47, 62

■ 212, 215, 217

■ 212, 26, 42

■ 212, 226, 238

■ 212, 5, 23

■ 212, 234, 255

■ 212, 0, 19

Harmonies

Analogous

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



203, 133, 169



212, 132, 139



205, 147, 113

Triad

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



212, 132, 139



113, 165, 153



91, 135, 211

Complementary

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



212, 132, 139



132, 174, 212

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.



48, 114, 196



212, 132, 139



88, 138, 169

Square

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



212, 132, 139



98, 158, 97



52, 111, 170



138, 149, 210

Rectangle

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



212, 132, 139



193, 182, 101



52, 111, 170



75, 128, 207

Sweetspot

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



212, 132, 139



255, 227, 229



204, 132, 212



128, 111, 112



0, 0, 0



128, 128, 128

Same Dimension

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



212, 132, 139



255, 140, 150



212, 185, 132



107, 96, 97



171, 0, 15



43, 0, 4

Inverse Universe

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



212, 132, 139



255, 140, 150



132, 162, 212



107, 96, 97



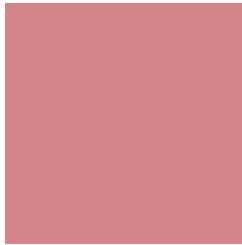
171, 0, 15



43, 0, 4

Previews

White Background



This preview shows how the RYB color 212, 132, 139 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 212, 132, 139 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 212, 132, 139 Background



This preview shows how black text looks on a background with the RYB color 212, 132, 139.

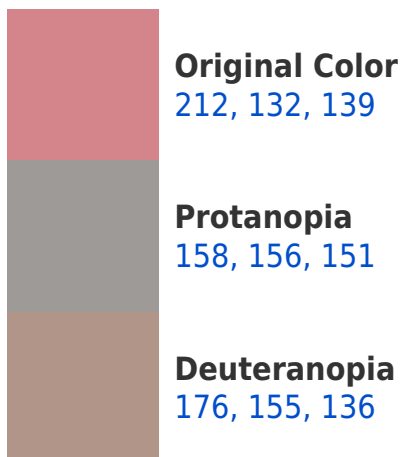


This preview shows how white text looks on a background with the RYB color 212, 132, 139.

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
212, 132, 141

Trichromacy



Original Color
212, 132, 139

Protanomaly
178, 146, 147

Deuteranomaly
189, 144, 137

Tritanomaly
212, 132, 140

Monochromacy



Original Color
212, 132, 139

Achromatopsia
157, 157, 157

Achromatomaly
177, 148, 150

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 132, 139 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(212, 132, 139) looks like.

```
.text, #text, p{  
    color:rgb(212, 132, 139)  
}
```

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(212, 132, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 132, 139) }
```

Border

The CSS property to change the border of an element to RYB 212, 132, 139 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(212, 132, 139) }
```

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

```
.border{ border-color:rgb(212, 132, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 132, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 132, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 132, 139);  
box-shadow:4px 4px 4px 4px rgb(212, 132,  
139) }
```

Background

The CSS property to change the background color of an element to RYB 212, 132, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 132, 139) }
```

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

```
.background{ background-color: rgb(212,  
132, 139) }
```

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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