

Converting Colors

`RYB(212, 136, 171)`

Have a look what the booklet for
RYB(212, 136, 171) contains.

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Color

R_YB(212, 136, 171)

Conversions

Conversions Part 1

Format	Color
Hex	D488AB
RGB	212, 136, 171
RGB Percent	83%, 53%, 67%
CMY	0.1686, 0.4667, 0.3294
CMYK	0.00, 0.36, 0.19, 0.17
HSL	332°, 47%, 68%
HSV	332°, 36%, 83%
XYZ	43.3062, 34.5456, 42.9136
YIQ	162.7140, 34.0610, 26.9970

Conversions

Conversions Part 2

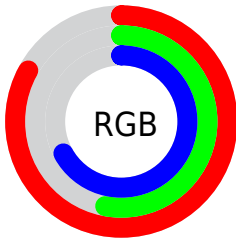
Format	Color
R _Y B	212, 136, 171
Decimal	13928619
CIE Lab	65.39, 33.91, -6.30
CIE LCh	65, 34.493, 349.471
Yxy	34.5456, 0.3586, 0.2861
Android (android.graphics.Color)	4292118699 (0xFFD488AB)
YUV	162.7140, 4.0850, 43.2238
Hunter-Lab	58.7755, 28.6628, -2.1463

Details

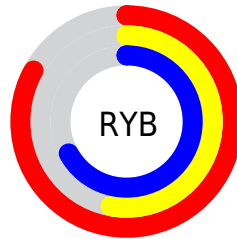
The RYB color **212, 136, 171** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **136, 185, 212**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 190, 226**, and **156, 85, 119** is the 20% darker color. If you saturate the color by 10%, you get **212, 115, 160**, and if you desaturate by 10%, it is **212, 157, 182**.

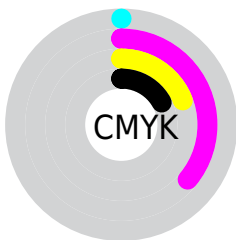
Distribution



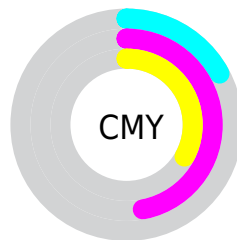
- Red (83%)
- Green (53%)
- Blue (67%)



- Red (83%)
- Yellow (53%)
- Blue (67%)



- Cyan (0%)
- Magenta (36%)
- Yellow (19%)
- Black (17%)



- Cyan (17%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 136, 171 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, 136, 171 by changing the saturation by 10% instead.


 212, 136, 171


255, 255, 255

 255, 190, 226

 255, 218, 255

 255, 247, 255

 212, 136, 171

 184, 110, 144

 156, 85, 119

 129, 60, 94

 102, 36, 71


 77, 9, 48


 52, 0, 27

 27, 0, 1

 0, 0, 0

 212, 136, 171

 212, 136, 171

 212, 115, 160

 212, 157, 182

 212, 94, 148

 212, 178, 194

 212, 72, 137

 212, 200, 205

 212, 51, 125

 212, 218, 221

 212, 30, 114

 212, 232, 242

 212, 9, 102

 212, 238, 255

 212, 0, 98

 212, 235, 255

 212, 234, 255

Harmonies

Analogous

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



187, 144, 199



212, 136, 171



220, 136, 140

Triad

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



212, 136, 171



100, 163, 104



47, 117, 205

Complementary

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



212, 136, 171



136, 185, 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.



45, 111, 178



212, 136, 171



118, 171, 165

Square

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



212, 136, 171



158, 189, 98



85, 139, 175



96, 140, 219

Rectangle

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



212, 136, 171



215, 145, 121



85, 139, 175



37, 111, 197

Sweetspot

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



212, 136, 171



255, 227, 240



177, 136, 212



128, 111, 119



0, 0, 0



128, 128, 128

Same Dimension

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



212, 136, 171



255, 145, 196



212, 139, 136



107, 96, 101



171, 0, 79



43, 0, 20

Inverse Universe

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



212, 136, 171



255, 145, 196



136, 173, 212



107, 96, 101



171, 0, 79



43, 0, 20

Previews

White Background



This preview shows how the RYB color 212, 136, 171 looks on a white background.

Color Contrast Check

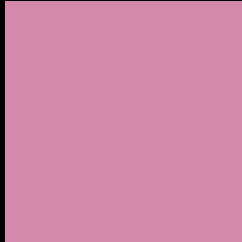
Large Text (above 18pt) WCAG AA × Fail

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, 136, 171 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, 136, 171 Background



This preview shows how black text looks on a background with the RYB color 212, 136, 171.

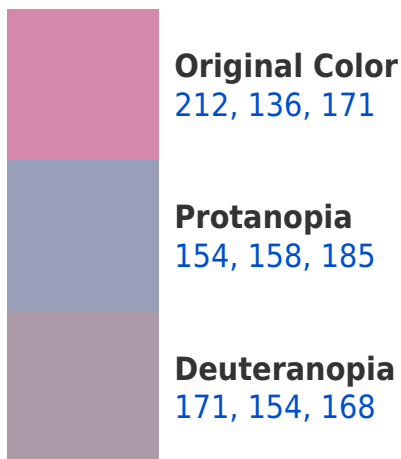



This preview shows how white text looks on a background with the RYB color 212, 136, 171.

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, 140, 150

Trichromacy



Original Color
212, 136, 171

Protanomaly
175, 150, 180

Deuteranomaly
186, 147, 169

Tritanomaly
211, 139, 158

Monochromacy



Original Color
212, 136, 171

Achromatopsia
163, 163, 163

Achromatomaly
181, 153, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 136, 171 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, 136, 171) looks like.

```
.text, #text, p{  
    color:rgb(212, 136, 171)  
}
```

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, 136, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 136, 171) }
```

Border

The CSS property to change the border of an element to RYB 212, 136, 171 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, 136, 171) }
```

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

```
.border{ border-color:rgb(212, 136, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 136, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 136, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 136, 171);  
box-shadow:4px 4px 4px 4px rgb(212, 136,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 212, 136, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 136, 171) }
```

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

```
.background{ background-color: rgb(212,  
136, 171) }
```

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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