

Converting Colors

`RYB(212, 134, 171)`

Have a look what the booklet for
RYB(212, 134, 171) contains.

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Color

$\text{RYB}(212, 134, 171)$

Conversions

Conversions Part 1

Format	Color
Hex	D486AB
RGB	212, 134, 171
RGB Percent	83%, 53%, 67%
CMY	0.1686, 0.4745, 0.3294
CMYK	0.00, 0.37, 0.19, 0.17
HSL	332°, 48%, 68%
HSV	332°, 37%, 83%
XYZ	43.0272, 33.9875, 42.8205
YIQ	161.5400, 34.6110, 28.0430

Conversions

Conversions Part 2

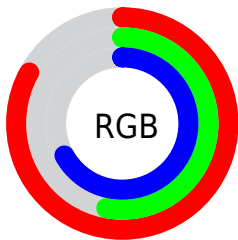
Format	Color
R _Y B	212, 134, 171
Decimal	13928107
CIE Lab	64.95, 34.98, -6.96
CIE LCh	65, 35.669, 348.753
Yxy	33.9875, 0.3591, 0.2836
Android (android.graphics.Color)	4292118187 (0xFFD486AB)
YUV	161.5400, 4.6638, 44.2534
Hunter-Lab	58.2988, 29.7181, -2.7394

Details

The RYB color **212, 134, 171** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **134, 185, 212**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 188, 226**, and **156, 83, 119** is the 20% darker color. If you saturate the color by 10%, you get **212, 113, 160**, and if you desaturate by 10%, it is **212, 155, 182**.

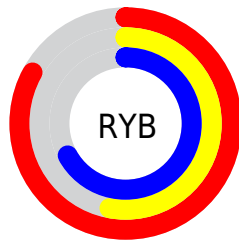
Distribution



Red (83%)

Green (53%)

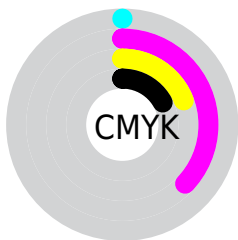
Blue (67%)



Red (83%)

Yellow (53%)

Blue (67%)

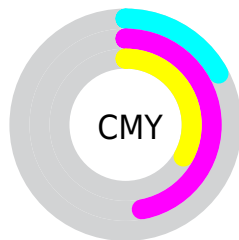


Cyan (0%)

Magenta (37%)

Yellow (19%)

Black (17%)



Cyan (17%)

Magenta (47%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 134, 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, 134, 171 by changing the saturation by 10% instead.

 212, 134, 171


255, 255, 255

 255, 188, 226

 255, 216, 255

 255, 245, 255

 212, 134, 171

 184, 108, 144

 156, 83, 119

 129, 58, 94

 102, 33, 71


 77, 6, 48


 52, 0, 27

 26, 0, 1

 0, 0, 0


 212, 134, 171


 212, 134, 171

 212, 113, 160

 212, 155, 182

 212, 92, 149


 212, 176, 193

 212, 70, 138


 212, 198, 204

 212, 49, 126

 212, 216, 219

 212, 28, 115

 212, 230, 240

 212, 7, 104

 212, 239, 255

 212, 0, 101

 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.



186, 142, 200



212, 134, 171



220, 133, 139

Triad

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



212, 134, 171



96, 162, 100



31, 109, 205

Complementary

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



212, 134, 171



134, 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.



33, 104, 177



212, 134, 171



114, 170, 162

Square

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



212, 134, 171



156, 189, 95



81, 136, 174



90, 137, 220

Rectangle

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



212, 134, 171



216, 143, 119



81, 136, 174



17, 101, 197

Sweetspot

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



212, 134, 171



255, 227, 240



174, 134, 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, 134, 171



255, 143, 196



212, 135, 134



107, 96, 101



171, 0, 81



43, 0, 21

Inverse Universe

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



212, 134, 171



255, 143, 196



134, 173, 212



107, 96, 101



171, 0, 81



43, 0, 21

Previews

White Background



This preview shows how the RYB color 212, 134, 171 looks on a white background.

Color Contrast Check

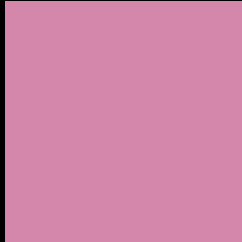
Large Text (above 18pt) WCAG AA × Fail

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, 134, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

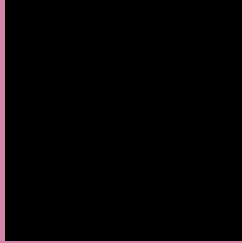
Any Text WCAG AA ✓ Pass

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, 134, 171 Background



This preview shows how black text looks on a background with the RYB color 212, 134, 171.

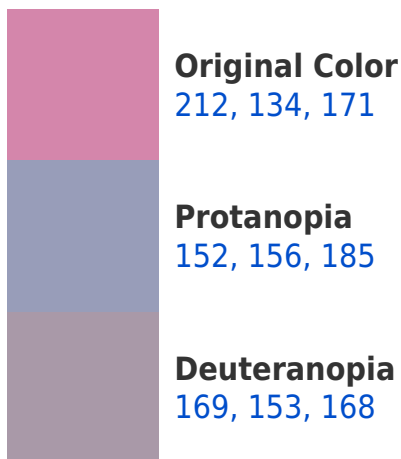


This preview shows how white text looks on a background with the RYB color 212, 134, 171.

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, 138, 148

Trichromacy



Original Color

212, 134, 171



Protanomaly

174, 149, 180



Deuteranomaly

185, 146, 169



Tritanomaly

211, 137, 156

Monochromacy



Original Color

212, 134, 171



Achromatopsia

162, 162, 162



Achromatomaly

180, 152, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 134, 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, 134, 171) looks like.

```
.text, #text, p{  
    color:rgb(212, 134, 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, 134, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 134, 171) }
```

Border

The CSS property to change the border of an element to RYB 212, 134, 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, 134, 171) }
```

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

```
.border{ border-color:rgb(212, 134, 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, 134, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 134, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 134, 171);  
box-shadow:4px 4px 4px 4px rgb(212, 134,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 212, 134, 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, 134, 171) }
```

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

```
.background{ background-color: rgb(212,  
134, 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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