

Converting Colors

`RYB(211, 130, 186)`

Have a look what the booklet for
RYB(211, 130, 186) contains.

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Color

R_YB(211, 130, 186)

Conversions

Conversions Part 1

Format	Color
Hex	D382BA
RGB	211, 130, 186
RGB Percent	83%, 51%, 73%
CMY	0.1725, 0.4902, 0.2706
CMYK	0.00, 0.38, 0.12, 0.17
HSL	319°, 48%, 67%
HSV	319°, 38%, 83%
XYZ	43.7095, 33.3593, 50.5896
YIQ	160.6030, 30.3000, 34.5880

Conversions

Conversions Part 2

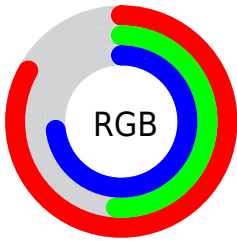
Format	Color
R_{YB}	211, 130, 186
Decimal	13861562
CIE Lab	64.45, 39.17, -16.20
CIE LCh	64, 42.383, 337.534
Yxy	33.3593, 0.3424, 0.2613
Android (android.graphics.Color)	4292051642 (0xFFD382BA)
YUV	160.6030, 12.5207, 44.1982
Hunter-Lab	57.7575, 34.0089, -11.5016

Details

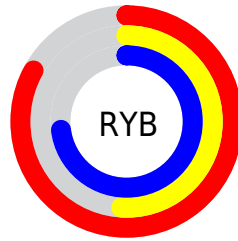
The RYB color **211, 130, 186** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **130, 192, 211**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 184, 242**, and **155, 78, 133** is the 20% darker color. If you saturate the color by 10%, you get **211, 109, 179**, and if you desaturate by 10%, it is **211, 151, 193**.

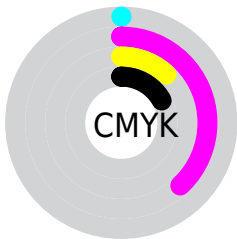
Distribution



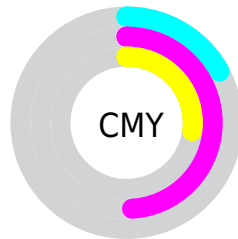
- Red (83%)
- Green (51%)
- Blue (73%)



- Red (83%)
- Yellow (51%)
- Blue (73%)



- Cyan (0%)
- Magenta (38%)
- Yellow (12%)
- Black (17%)



- Cyan (17%)
- Magenta (49%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 130, 186 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 211, 130, 186 by changing the saturation by 10% instead.

 211, 130, 186

255, 255, 255

 255, 184, 242

 255, 212, 255

 255, 241, 255

 211, 130, 186

 183, 104, 159

 155, 78, 133

 128, 53, 107

 102, 28, 83

 76, 0, 60


 52, 0, 38


 25, 0, 16


 0, 0, 0


 211, 130, 186


 211, 130, 186


 211, 109, 179


 211, 151, 193

 211, 88, 173


 211, 172, 199


 211, 67, 166


 211, 193, 206

 211, 46, 160


 211, 213, 214

 211, 24, 153

 211, 229, 235

 211, 3, 147

 211, 244, 255

 211, 0, 146

 211, 241, 255

 211, 238, 255

 211, 236, 255

Harmonies

Analogous

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



172, 143, 216



211, 130, 186



228, 125, 148

Triad

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



211, 130, 186



96, 171, 79



0, 93, 201

Complementary

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



211, 130, 186



130, 192, 211

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.



0, 91, 176



211, 130, 186



94, 167, 131

Square

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



211, 130, 186



203, 201, 86



80, 143, 174



0, 96, 226

Rectangle

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



211, 130, 186



227, 128, 123



80, 143, 174



0, 91, 190

Sweetspot

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



211, 130, 186



255, 224, 246



154, 130, 211



128, 110, 122



0, 0, 0



128, 128, 128

Same Dimension

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



211, 130, 186



255, 138, 219



211, 130, 146



105, 94, 101



168, 0, 116



41, 0, 28

Inverse Universe

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



211, 130, 186



255, 138, 219



130, 175, 211



105, 94, 101



168, 0, 116



41, 0, 28

Previews

White Background



This preview shows how the RYB color 211, 130, 186 looks on a white background.

Color Contrast Check

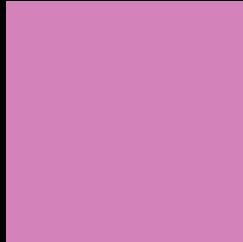
Large Text (above 18pt) WCAG AA × Fail

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 211, 130, 186 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 211, 130, 186 Background



This preview shows how black text looks on a background with the RYB color 211, 130, 186.



This preview shows how white text looks on a background with the RYB color 211, 130, 186.

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
211, 130, 186

Protanopia
144, 153, 203

Deuteranopia
160, 153, 182



Tritanopia
207, 137, 148

Trichromacy



Original Color

211, 130, 186



Protanomaly

168, 146, 197



Deuteranomaly

179, 145, 183



Tritanomaly

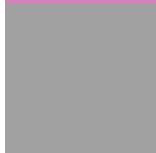
208, 134, 162

Monochromacy



Original Color

211, 130, 186



Achromatopsia

161, 161, 161



Achromatomaly

179, 150, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 130, 186 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(211, 130, 186) looks like.

```
.text, #text, p{  
    color:rgb(211, 130, 186)  
}
```

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(211, 130, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 130, 186) }
```

Border

The CSS property to change the border of an element to RYB 211, 130, 186 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(211, 130, 186) }
```

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

```
.border{ border-color:rgb(211, 130, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 130, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 130, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 130, 186);  
box-shadow:4px 4px 4px 4px rgb(211, 130,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 211, 130, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 130, 186) }
```

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

```
.background{ background-color: rgb(211,  
130, 186) }
```

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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