

Converting Colors

`RYB(211, 121, 168)`

Have a look what the booklet for
RYB(211, 121, 168) contains.

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Color

R_YB(211, 121, 168)

Conversions

Conversions Part 1

Format	Color
Hex	D379A8
RGB	211, 121, 168
RGB Percent	83%, 47%, 66%
CMY	0.1725, 0.5255, 0.3412
CMYK	0.00, 0.43, 0.20, 0.17
HSL	329°, 51%, 65%
HSV	329°, 43%, 83%
XYZ	40.7692, 30.3508, 40.7553
YIQ	153.2680, 38.5530, 33.6970

Conversions

Conversions Part 2

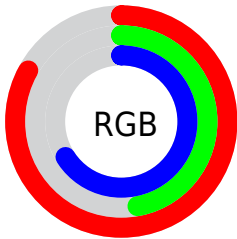
Format	Color
R _{YB}	211, 121, 168
Decimal	13859240
CIE Lab	61.96, 41.07, -9.73
CIE LCh	62, 42.202, 346.671
Yxy	30.3508, 0.3644, 0.2713
Android (android.graphics.Color)	4292049320 (0xFFD379A8)
YUV	153.2680, 7.2629, 50.6310
Hunter-Lab	55.0915, 35.6846, -5.2971

Details

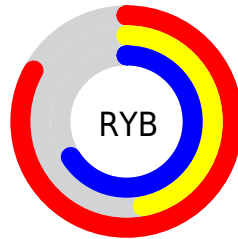
The RYB color **211, 121, 168** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **121, 182, 211**, and the grayscale version is **153, 153, 153**.

A 20% lighter version of the original color is **255, 175, 223**, and **154, 69, 116** is the 20% darker color. If you saturate the color by 10%, you get **211, 100, 158**, and if you desaturate by 10%, it is **211, 142, 178**.

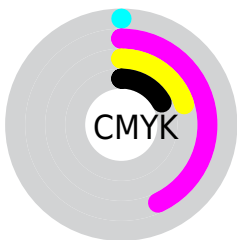
Distribution



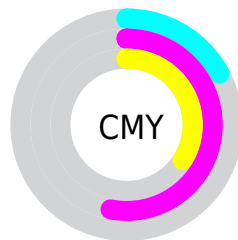
- Red (83%)
- Green (47%)
- Blue (66%)



- Red (83%)
- Yellow (47%)
- Blue (66%)



- Cyan (0%)
- Magenta (43%)
- Yellow (20%)
- Black (17%)




- Cyan (17%)
- Magenta (53%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 121, 168 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, 121, 168 by changing the saturation by 10% instead.


 211, 121, 168

255, 255, 255

 255, 175, 223

 255, 203, 252

 255, 232, 255

 211, 121, 168


 182, 95, 142

 154, 69, 116

 127, 44, 91

 100, 15, 68


 74, 0, 46

 51, 0, 25

 16, 0, 0

 0, 0, 0

 211, 121, 168

 211, 121, 168

■ 211, 100, 158

■ 211, 142, 178

■ 211, 79, 148

■ 211, 163, 188

■ 211, 58, 138

■ 211, 184, 198

■ 211, 37, 128

■ 211, 205, 208

■ 211, 15, 118

■ 211, 222, 227

■ 211, 0, 110

■ 211, 236, 248

■ 211, 238, 255

■ 211, 235, 255

■ 211, 233, 255

Harmonies

Analogous

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



179, 132, 201



211, 121, 168



221, 120, 130

Triad

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



211, 121, 168



76, 154, 78



0, 91, 203

Complementary

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



211, 121, 168



121, 182, 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, 85, 170



211, 121, 168



97, 163, 150

Square

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



211, 121, 168



152, 187, 76



52, 121, 168



42, 113, 222

Rectangle

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



211, 121, 168



217, 129, 107



52, 121, 168



0, 90, 193

Sweetspot

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



211, 121, 168



255, 222, 239



163, 121, 211



128, 107, 118



0, 0, 0



128, 128, 128

Same Dimension

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



211, 121, 168



255, 125, 193



211, 121, 124



105, 94, 100



168, 0, 88



41, 0, 21

Inverse Universe

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



211, 121, 168



255, 125, 193



121, 167, 211



105, 94, 100



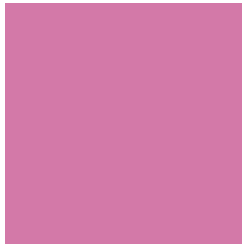
168, 0, 88



41, 0, 21

Previews

White Background



This preview shows how the RYB color 211, 121, 168 looks on a white background.

Color Contrast Check

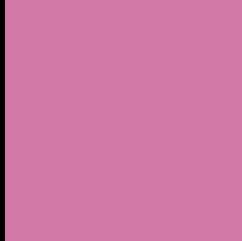
Large Text (above 18pt) WCAG AA × Fail

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, 121, 168 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, 121, 168 Background



This preview shows how black text looks on a background with the RYB color 211, 121, 168.

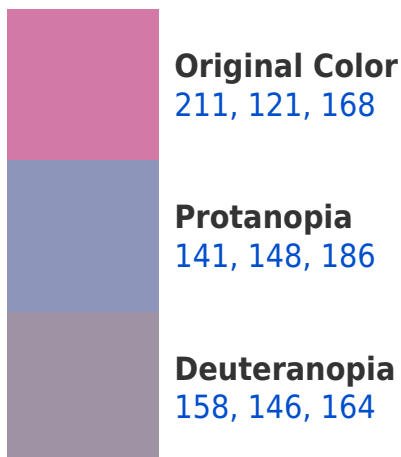


This preview shows how white text looks on a background with the RYB color 211, 121, 168.

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
208, 127, 136

Trichromacy



Original Color

211, 121, 168



Protanomaly

166, 139, 179



Deuteranomaly

177, 137, 165



Tritanomaly

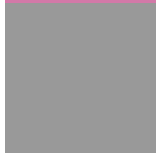
209, 125, 148

Monochromacy



Original Color

211, 121, 168



Achromatopsia

153, 153, 153



Achromatomaly

174, 141, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 121, 168 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, 121, 168)` looks like.

```
.text, #text, p{  
    color:rgb(211, 121, 168)  
}
```

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, 121, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 121, 168) }
```

Border

The CSS property to change the border of an element to RYB 211, 121, 168 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, 121, 168) }
```

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

```
.border{ border-color:rgb(211, 121, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 121, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 121, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 121, 168);  
box-shadow:4px 4px 4px 4px rgb(211, 121,  
168) }
```

Background

The CSS property to change the background color of an element to RGB 211, 121, 168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 121, 168) }
```

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

```
.background{ background-color: rgb(211,  
121, 168) }
```

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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