

Converting Colors

`RYB(211, 172, 240)`

Have a look what the booklet for RYB(211, 172, 240) contains.

RYB(211, 172, 240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(211, 172, 240)

Conversions

Conversions Part 1

Format	Color
Hex	D3ACF0
RGB	211, 172, 240
RGB Percent	83%, 67%, 94%
CMY	0.1725, 0.3255, 0.0588
CMYK	0.12, 0.28, 0.00, 0.06
HSL	274°, 69%, 81%
HSV	274°, 28%, 94%
XYZ	57.3447, 49.6452, 88.9982
YIQ	191.4130, 1.4160, 29.4160

Conversions

Conversions Part 2

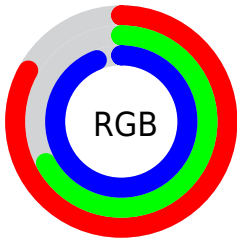
Format	Color
R _Y B	211, 172, 240
Decimal	13872368
CIE Lab	75.85, 26.59, -28.63
CIE LCh	76, 39.073, 312.875
Yxy	49.6452, 0.2926, 0.2533
Android (android.graphics.Color)	4292062448 (0xFFD3ACF0)
YUV	191.4130, 23.9534, 17.1778
Hunter-Lab	70.4594, 21.9717, -25.5685

Details

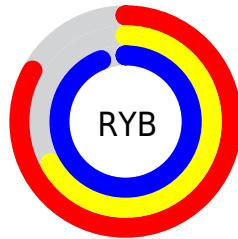
The RYB color **211, 172, 240** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172, 240, 211**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 228, 255**, and **156, 119, 184** is the 20% darker color. If you saturate the color by 10%, you get **201, 148, 240**, and if you desaturate by 10%, it is **221, 196, 240**.

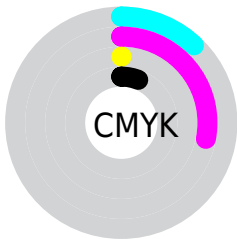
Distribution



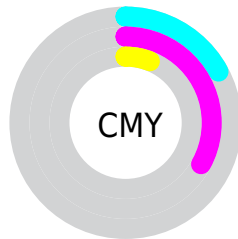
- Red (83%)
- Green (67%)
- Blue (94%)



- Red (83%)
- Yellow (67%)
- Blue (94%)



- Cyan (12%)
- Magenta (28%)
- Yellow (0%)
- Black (6%)



- Cyan (17%)
- Magenta (33%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 172, 240 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, 172, 240 by changing the saturation by 10% instead.

■ 211, 172, 240

255, 255, 255

■ 255, 228, 255

■ 211, 172, 240

■ 183, 145, 212

■ 156, 119, 184

■ 129, 94, 157

■ 103, 70, 130


■ 78, 47, 105


■ 54, 25, 81


■ 31, 3, 57


■ 0, 0, 35


■ 0, 0, 10

 211, 172, 240


 211, 172, 240

 201, 148, 240


 221, 196, 240

 191, 124, 240


 231, 220, 240

 180, 100, 240

 240, 244, 242

 170, 76, 240

 240, 255, 243

 160, 52, 240

 240, 255, 240

 150, 28, 240

 139, 4, 240

 138, 0, 240

Harmonies

Analogous

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



161, 180, 255



211, 172, 240



244, 162, 209

Triad

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



211, 172, 240



212, 229, 118



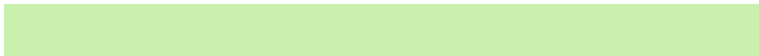
63, 136, 206

Complementary

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



211, 172, 240



172, 240, 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.



111, 171, 205



211, 172, 240



122, 196, 116

Square

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



211, 172, 240



251, 174, 140



133, 199, 177



47, 133, 235

Rectangle

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



211, 172, 240



255, 159, 185



133, 199, 177



79, 147, 206

Sweetspot

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



211, 172, 240



245, 232, 255



172, 192, 240



122, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



211, 172, 240



218, 168, 255



240, 172, 235



115, 108, 120



105, 0, 184



32, 0, 56

Inverse Universe

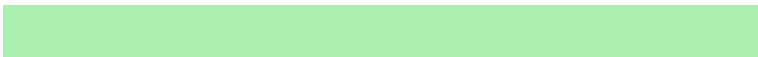
The Inverse Universe completely reimagines the original color for something new.



240, 172, 201



255, 168, 205



172, 235, 240



120, 108, 113



184, 0, 78



56, 0, 24

Previews

White Background



This preview shows how the RYB color 211, 172, 240 looks on a white background.

Color Contrast Check

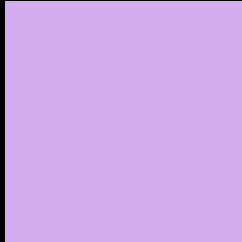
Large Text (above 18pt) WCAG AA × Fail

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, 172, 240 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, 172, 240 Background



This preview shows how black text looks on a background with the RYB color 211, 172, 240.

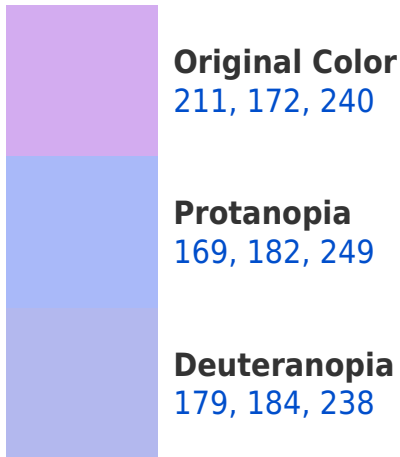



This preview shows how white text looks on a background with the RYB color 211, 172, 240.

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
204, 181, 195

Trichromacy



Original Color
211, 172, 240

Protanomaly
184, 180, 246

Deuteranomaly
191, 180, 239

Tritanomaly
207, 178, 211

Monochromacy



Original Color
211, 172, 240

Achromatopsia
191, 191, 191

Achromatomaly
198, 184, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 172, 240 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, 172, 240)` looks like.

```
.text, #text, p{  
    color:rgb(211, 172, 240)  
}
```

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, 172, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 172, 240) }
```

Border

The CSS property to change the border of an element to RYB 211, 172, 240 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, 172, 240) }
```

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

```
.border{ border-color:rgb(211, 172, 240) }
```

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

Here you see how a box with a 4 pixel rgb(211, 172, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 172, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 172, 240);  
box-shadow:4px 4px 4px 4px rgb(211, 172,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 211, 172, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 172, 240) }
```

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

```
.background{ background-color: rgb(211,  
172, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor