

Converting Colors

`RYB(211, 172, 254)`

Have a look what the booklet for
RYB(211, 172, 254) contains.

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Color

`RYB(211, 172, 254)`

Conversions

Conversions Part 1

Format	Color
Hex	D3ACFE
RGB	211, 172, 254
RGB Percent	83%, 67%, 100%
CMY	0.1725, 0.3255, 0.0039
CMYK	0.17, 0.32, 0.00, 0.00
HSL	269°, 98%, 84%
HSV	269°, 32%, 100%
XYZ	59.5059, 50.5097, 100.3790
YIQ	193.0090, -3.0780, 33.7700

Conversions

Conversions Part 2

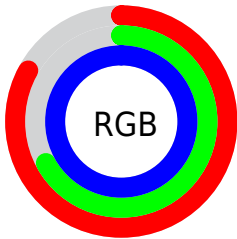
Format	Color
R _Y B	211, 172, 254
Decimal	13872382
CIE Lab	76.38, 29.54, -35.37
CIE LCh	76, 46.088, 309.868
Yxy	50.5097, 0.2828, 0.2401
Android (android.graphics.Color)	4292062462 (0xFFD3ACFE)
YUV	193.0090, 30.0686, 15.7781
Hunter-Lab	71.0702, 25.0823, -33.9916

Details

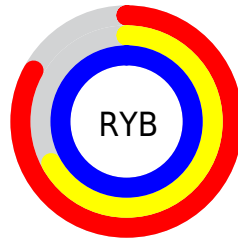
The RYB color **211, 172, 254** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **172, 254, 211**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 228, 255**, and **155, 119, 197** is the 20% darker color. If you saturate the color by 10%, you get **198, 147, 254**, and if you desaturate by 10%, it is **224, 197, 254**.

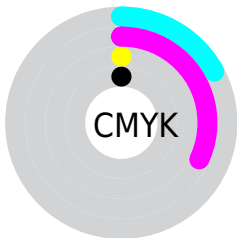
Distribution



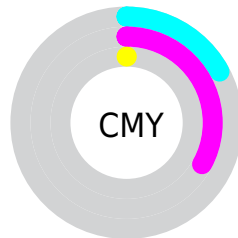
- Red (83%)
- Green (67%)
- Blue (100%)



- Red (83%)
- Yellow (67%)
- Blue (100%)



- Cyan (17%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)




- Cyan (17%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 211, 172, 254 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, 254 by changing the saturation by 10% instead.

 211, 172, 254

255, 255, 255


 255, 228, 255

 211, 172, 254


 183, 145, 225

 155, 119, 197

 128, 94, 170

 102, 70, 143

 77, 47, 117

 52, 25, 92

 27, 3, 68

 0, 0, 45

 0, 1, 23

■ 211, 172, 254

■ 211, 172, 254

■ 198, 147, 254

■ 224, 197, 254

■ 184, 121, 254

■ 238, 223, 254

■ 171, 96, 254

■ 251, 248, 254

■ 158, 70, 254

254, 255, 254

■ 144, 45, 254

■ 131, 20, 254

■ 121, 0, 254

Harmonies

Analogous

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



147, 177, 255



211, 172, 254



253, 158, 219

Triad

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



211, 172, 254



231, 239, 109



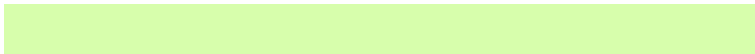
0, 108, 211

Complementary

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



211, 172, 254



172, 254, 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.



99, 171, 209



211, 172, 254



117, 202, 103

Square

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



211, 172, 254



255, 169, 136



121, 202, 168



0, 112, 242

Rectangle

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



211, 172, 254



255, 154, 190



121, 202, 168



44, 134, 211

Sweetspot

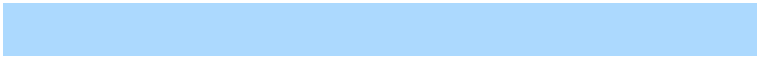
The Sweet Spot groups the original color and five complimentary colors.



211, 172, 254



242, 230, 255



172, 201, 254



119, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



211, 172, 254



203, 156, 255



251, 172, 254



121, 115, 128



91, 0, 191



30, 0, 64

Inverse Universe

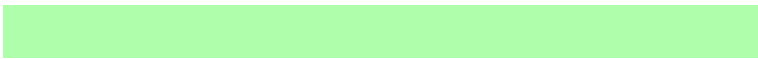
The Inverse Universe completely reimagines the original color for something new.



254, 172, 215



255, 156, 208



172, 254, 251



128, 115, 121



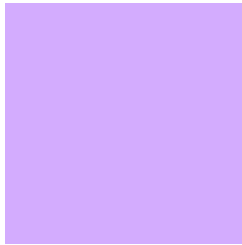
191, 0, 100



64, 0, 33

Previews

White Background



This preview shows how the RYB color 211, 172, 254 looks on a white background.

Color Contrast Check

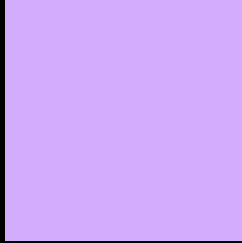
Large Text (above 18pt) WCAG AA × Fail

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, 254 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, 254 Background



This preview shows how black text looks on a background with the RYB color 211, 172, 254.




This preview shows how white text looks on a background with the RYB color 211, 172, 254.

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
202, 183, 198

Trichromacy



Original Color

211, 172, 254



Protanomaly

184, 181, 255



Deuteranomaly

186, 181, 252



Tritanomaly

205, 179, 218

Monochromacy



Original Color

211, 172, 254



Achromatopsia

193, 193, 193



Achromatomaly

200, 185, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 172, 254 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(211, 172, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 172, 254) }
```

Border

The CSS property to change the border of an element to RYB 211, 172, 254 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, 254) }
```

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

```
.border{ border-color:rgb(211, 172, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 172, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 172, 254);  
box-shadow:4px 4px 4px 4px rgb(211, 172,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 211, 172, 254 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, 254) }
```

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

```
.background{ background-color: rgb(211,  
172, 254) }
```

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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