

Converting Colors

`RYB(193, 172, 246)`

Have a look what the booklet for
RYB(193, 172, 246) contains.

RYB(193, 172, 246)	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(193, 172, 246)

Conversions

Conversions Part 1

Format	Color
Hex	C1ACF6
RGB	193, 172, 246
RGB Percent	76%, 67%, 96%
CMY	0.2431, 0.3255, 0.0353
CMYK	0.22, 0.30, 0.00, 0.04
HSL	257°, 80%, 82%
HSV	257°, 30%, 96%
XYZ	53.3794, 47.4963, 93.5431
YIQ	186.7150, -11.2380, 27.4660

Conversions

Conversions Part 2

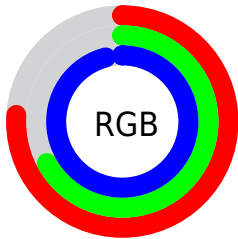
Format	Color
R _Y B	193, 172, 246
Decimal	12692726
CIE Lab	74.51, 22.41, -34.08
CIE LCh	75, 40.791, 303.326
Yxy	47.4963, 0.2746, 0.2443
Android (android.graphics.Color)	4290882806 (0xFFC1ACF6)
YUV	186.7150, 29.2275, 5.5119
Hunter-Lab	68.9176, 17.6496, -32.2331

Details

The RYB color **193, 172, 246** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **172, 246, 193**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **250, 227, 255**, and **138, 120, 189** is the 20% darker color. If you saturate the color by 10%, you get **175, 147, 246**, and if you desaturate by 10%, it is **211, 197, 246**.

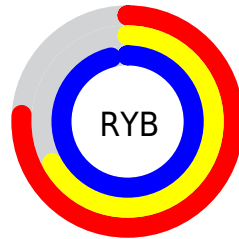
Distribution



Red (76%)

Green (67%)

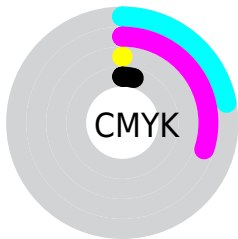
Blue (96%)



Red (76%)

Yellow (67%)

Blue (96%)

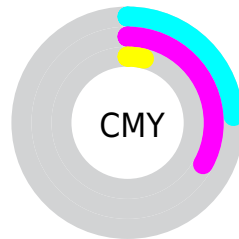


Cyan (22%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (24%)

Magenta (33%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 172, 246 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 193, 172, 246 by changing the saturation by 10% instead.

■ 193, 172, 246

255, 255, 255

■ 250, 227, 255

■ 193, 172, 246

■ 165, 145, 217

■ 138, 120, 189

■ 112, 95, 162

■ 86, 71, 136

■ 61, 48, 110

■ 36, 27, 85

■ 10, 4, 62

■ 0, 3, 39

■ 0, 1, 17

193, 172, 246

193, 172, 246

175, 147, 246

211, 197, 246

158, 123, 246

228, 221, 246

140, 98, 246

246, 246, 246

123, 74, 246

246, 255, 246

105, 49, 246

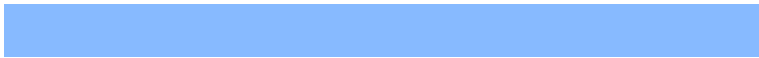
87, 24, 246

70, 0, 246

Harmonies

Analogous

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



135, 171, 255



193, 172, 246



234, 159, 218

Triad

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



193, 172, 246



235, 210, 117



64, 138, 203

Complementary

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



193, 172, 246



172, 246, 193

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.



118, 178, 200



193, 172, 246



135, 204, 107

Square

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



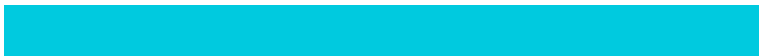
193, 172, 246



254, 160, 144



119, 193, 148



0, 106, 223

Rectangle

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



193, 172, 246



250, 155, 193



119, 193, 148



84, 152, 203

Sweetspot

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



193, 172, 246



239, 232, 255



172, 203, 246



117, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 172, 246



189, 163, 255



230, 172, 246



114, 110, 122



53, 0, 186



17, 0, 59

Inverse Universe

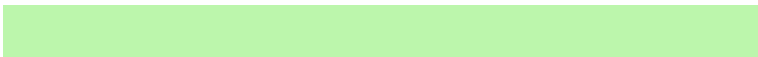
The Inverse Universe completely reimagines the original color for something new.



246, 172, 225



255, 163, 229



172, 246, 230



122, 110, 119



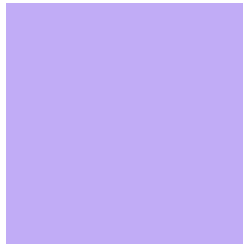
186, 0, 133



59, 0, 42

Previews

White Background



This preview shows how the RYB color 193, 172, 246 looks on a white background.

Color Contrast Check

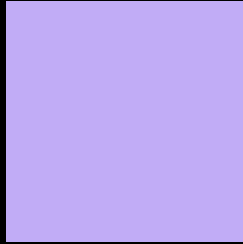
Large Text (above 18pt) WCAG AA × Fail

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 193, 172, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

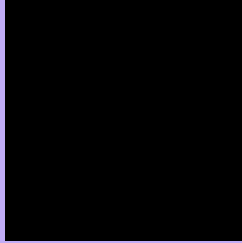
Any Text WCAG AA ✓ Pass

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](#).

R Y B 193, 172, 246 Background



This preview shows how black text looks on a background with the RYB color 193, 172, 246.



This preview shows how white text looks on a background with the RYB color 193, 172, 246.

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
193, 172, 246

Protanopia
162, 178, 253

Deuteranopia
167, 179, 244



Tritanopia

184, 182, 196

Trichromacy



Original Color
193, 172, 246

Protanomaly
173, 178, 250

Deuteranomaly
176, 178, 245

Tritanomaly
187, 178, 214

Monochromacy



Original Color
193, 172, 246

Achromatopsia
187, 187, 187

Achromatomaly
189, 182, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 172, 246 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(193, 172, 246)` looks like.

```
.text, #text, p{  
  color:rgb(193, 172, 246)  
}
```

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(193, 172, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 172, 246) }
```

Border

The CSS property to change the border of an element to RYB 193, 172, 246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

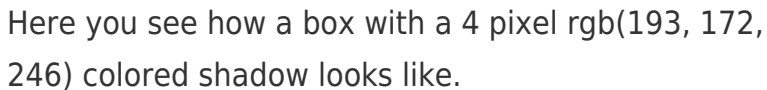
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 172, 246) }
```

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

```
.border{ border-color:rgb(193, 172, 246) }
```

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



Here you see how a box with a 4 pixel rgb(193, 172, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 172, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 172, 246); box-shadow:4px 4px 4px 4px rgb(193, 172, 246) }
```

Background

The CSS property to change the background color of an element to RYB 193, 172, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 172, 246) }
```

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

```
.background{ background-color: rgb(193,  
172, 246) }
```

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