

Converting Colors

`RYB(198, 167, 243)`

Have a look what the booklet for
RYB(198, 167, 243) contains.

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Color

R_YB(198, 167, 243)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C6A7F3 |
| RGB | 198, 167, 243 |
| RGB Percent | 78%, 65%, 95% |
| CMY | 0.2235, 0.3451, 0.0471 |
| CMYK | 0.19, 0.31, 0.00, 0.05 |
| HSL | 264°, 76%, 80% |
| HSV | 264°, 31%, 95% |
| XYZ | 53.2851, 46.1143, 90.8865 |
| YIQ | 184.9330, -5.9200, 30.2080 |

Conversions

Conversions Part 2

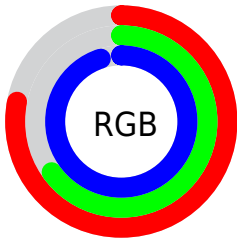
| Format | Color |
|-------------------------------------|--|
| RYB | 198, 167, 243 |
| Decimal | 13019123 |
| CIELab | 73.62, 25.99, -33.79 |
| CIELCh | 74, 42.632, 307.561 |
| Yxy | 46.1143, 0.2800, 0.2423 |
| Android (android.graphics.Color) | 4291209203 (0xFFC6A7F3) |
| YUV | 184.9330, 28.6270, 11.4598 |
| Hunter-Lab | 67.9075, 21.2258, -31.8178 |

Details

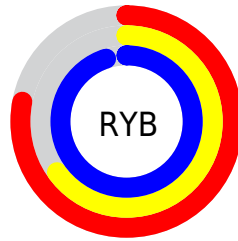
The RYB color **198, 167, 243** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **167, 243, 198**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 222, 255**, and **143, 115, 187** is the 20% darker color. If you saturate the color by 10%, you get **184, 143, 243**, and if you desaturate by 10%, it is **212, 191, 243**.

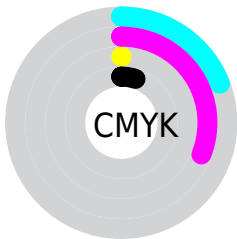
Distribution



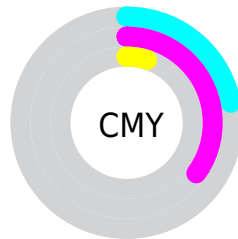
- Red (78%)
- Green (65%)
- Blue (95%)



- Red (78%)
- Yellow (65%)
- Blue (95%)



- Cyan (19%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)



- Cyan (22%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 167, 243 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 198, 167, 243 by changing the saturation by 10% instead.


 198, 167, 243

255, 255, 255

 255, 222, 255

 255, 251, 255

 198, 167, 243


 170, 140, 214

 143, 115, 187

 117, 90, 159

 91, 66, 133

 66, 43, 107

 41, 22, 83

 18, 0, 59


 0, 2, 37


 0, 1, 13

 198, 167, 243

 198, 167, 243


 184, 143, 243


 212, 191, 243

 169, 118, 243

 227, 216, 243

 155, 94, 243

 241, 240, 243

 140, 70, 243

 243, 255, 243

 126, 45, 243

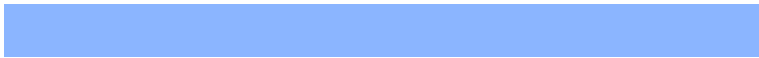
 112, 21, 243

 99, 0, 243

Harmonies

Analogous

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



139, 170, 255



198, 167, 243



238, 154, 212

Triad

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



198, 167, 243



230, 224, 109



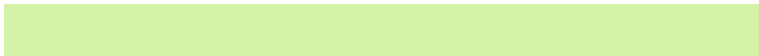
34, 121, 202

Complementary

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



198, 167, 243



167, 243, 198

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.



105, 169, 199



198, 167, 243



118, 196, 102

Square

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



198, 167, 243



252, 161, 135



117, 193, 156



0, 106, 227

Rectangle

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



198, 167, 243



252, 150, 186



117, 193, 156



63, 139, 201

Sweetspot

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



198, 167, 243



241, 232, 255



167, 196, 243



119, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



198, 167, 243



198, 158, 255



235, 167, 243



115, 110, 122



76, 0, 186



24, 0, 59

Inverse Universe

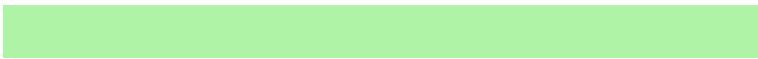
The Inverse Universe completely reimagines the original color for something new.



243, 167, 212



255, 158, 215



167, 243, 235



122, 110, 117



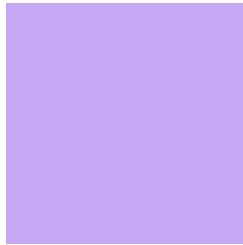
186, 0, 110



59, 0, 35

Previews

White Background



This preview shows how the RYB color 198, 167, 243 looks on a white background.

Color Contrast Check

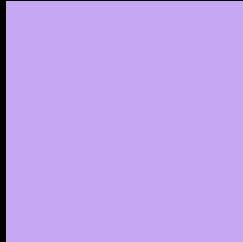
Large Text (above 18pt) WCAG AA × Fail

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 198, 167, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

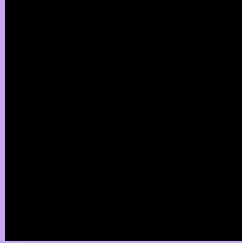
Any Text WCAG AA ✓ Pass

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 198, 167, 243 Background



This preview shows how black text looks on a background with the RYB color 198, 167, 243.



This preview shows how white text looks on a background with the RYB color 198, 167, 243.

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
198, 167, 243

Protanopia
159, 175, 252

Deuteranopia
166, 176, 241



Tritanopia
189, 177, 191

Trichromacy



Original Color
198, 167, 243

Protanomaly
173, 174, 249

Deuteranomaly
178, 174, 242

Tritanomaly
192, 173, 210

Monochromacy



Original Color
198, 167, 243

Achromatopsia
185, 185, 185

Achromatomaly
190, 178, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 167, 243 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(198, 167, 243)` looks like.

```
.text, #text, p{  
    color:rgb(198, 167, 243)  
}
```

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(198, 167, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 167, 243) }
```

Border

The CSS property to change the border of an element to RYB 198, 167, 243 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(198, 167, 243) }
```

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

```
.border{ border-color:rgb(198, 167, 243) }
```

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

Here you see how a box with a 4 pixel rgb(198, 167, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 167, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 167, 243);  
box-shadow:4px 4px 4px 4px rgb(198, 167,  
243) }
```

Background

The CSS property to change the background color of an element to RYB 198, 167, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 167, 243) }
```

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

```
.background{ background-color: rgb(198,  
167, 243) }
```

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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