Converting Colors

RGB(178, 167, 243)

Have a look what the booklet for RGB(178, 167, 243) contains.

Color

RGB(178, 167, 243)

Conversions

Conversions Part 1

Format	Color
Hex	B2A7F3
RGB	178, 167, 243
RGB Percent	70%, 65%, 95%
CMY	0.3020, 0.3451, 0.0471
CMYK	0.27, 0.31, 0.00, 0.05
HSL	249°, 76%, 80%
HSV	249°, 31%, 95%
XYZ	48.3565, 43.5735, 90.6559
YIQ	178.9530, -17.8400, 25.9680

Conversions

Conversions Part 2

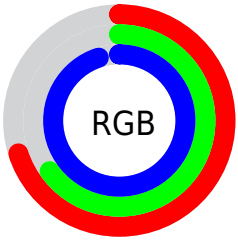
Format	Color
RYB	178, 167, 243
Decimal	11708403
CIELab	71.94, 20.09, -36.53
CIELCh	72, 41.689, 298.815
Yxy	43.5735, 0.2648, 0.2386
Android (android.graphics.Color)	4289898483 (0xFFB2A7F3)
YUV	178.9530, 31.5752, -0.8358
Hunter-Lab	66.0102, 15.2442, -35.2195

Details

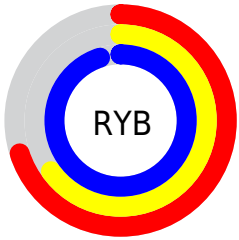
The RGB color 178, 167, 243 is a light color, and the websafe version is hex 9999CC. A complement of this color would be 232, 243, 167, and the grayscale version is 179, 179, 179.

A 20% lighter version of the original color is 235, 222, 255, and 124, 115, 187 is the 20% darker color. If you saturate the color by 10%, you get 157, 143, 243, and if you desaturate by 10%, it is 199, 191, 243.

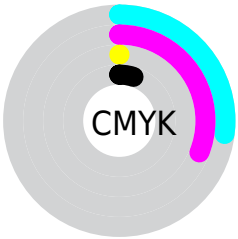
Distribution



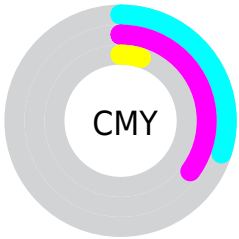
- Red (70%)
- Green (65%)
- Blue (95%)



- Red (70%)
- Yellow (65%)
- Blue (95%)



- Cyan (27%)
- Magenta (31%)
- Yellow (0%)
- Black (5%)



- Cyan (30%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 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 RGB color 178, 167, 243 by changing the saturation by 10% instead.

178, 167, 243

255, 255, 255

235, 222, 255

255, 251, 255

178, 167, 243

150, 141, 214

124, 115, 187

97, 90, 159

71, 67, 133

46, 45, 107

17, 24, 83

0, 0, 59

0, 2, 37

0, 1, 13

178, 167, 243

157, 143, 243

136, 118, 243

116, 94, 243

95, 70, 243

74, 45, 243

53, 21, 243

35, 0, 243

178, 167, 243

199, 191, 243

220, 216, 243

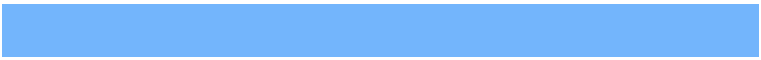
240, 240, 243

255, 255, 243

Harmonies

Analogous

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



115, 181, 252

178, 167, 243

223, 154, 216

Triad

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

178, 167, 243

232, 160, 112

59, 196, 173

Complementary

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

178, 167, 243

232, 243, 167

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.

117, 193, 136

178, 167, 243

202, 174, 99

Square

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

178, 167, 243

249, 149, 142

163, 185, 108

0, 196, 212

Rectangle

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

178, 167, 243

241, 148, 192

163, 185, 108

81, 196, 160

Sweetspot

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

178, 167, 243

235, 232, 255

167, 233, 243

116, 113, 128

0, 0, 0

128, 128, 128

Same Dimension

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

178, 167, 243

172, 158, 255

215, 167, 243

112, 110, 122

27, 0, 186

8, 0, 59

Inverse Universe

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

243, 167, 232

255, 158, 241

195, 243, 167

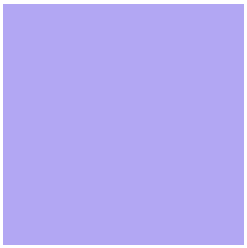
122, 110, 121

186, 0, 159

59, 0, 50

Previews

White Background

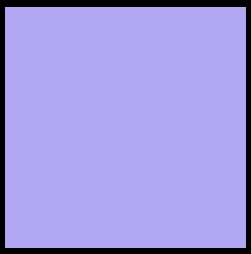


This preview shows how the RGB color 178, 167, 243 looks on a white background.

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



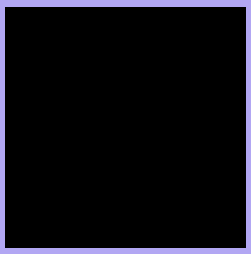
This preview shows how the RGB color 178, 167, 243 looks on a black background.

Color Contrast Check

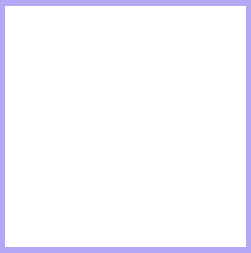
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 178, 167, 243 Background



This preview shows how black text looks on a background with the RGB color 178, 167, 243.



This preview shows how white text looks on a background with the RGB color 178, 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

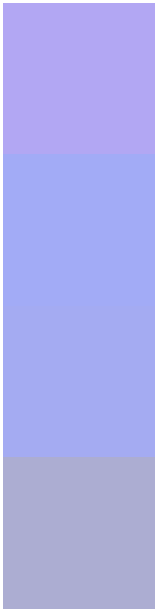
Original Color
178, 167, 243

Protanopia
153, 174, 248

Deuteranopia
156, 174, 242

Tritanopia
168, 177, 191

Trichromacy



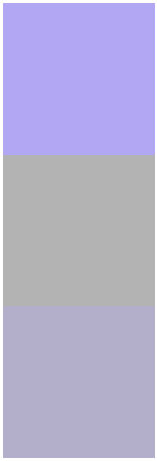
Original Color
178, 167, 243

Protanomaly
162, 171, 246

Deuteranomaly
164, 171, 242

Tritanomaly
172, 173, 210

Monochromacy



Original Color
178, 167, 243

Achromatopsia
179, 179, 179

Achromatomaly
179, 175, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 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(178, 167, 243) looks like.

```
.text, #text, p{
    color:rgb(178, 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(178, 167, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 167, 243) }
```

Border

The CSS property to change the border of an element to RGB 178, 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(178, 167, 243) }
```

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

```
.border{ border-color:rgb(178, 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(178, 167, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 167, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 167, 243); box-shadow:4px 4px 4px 4px rgb(178, 167, 243) }
```

Background

The CSS property to change the background color of an element to RGB 178, 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(178, 167, 243) }
```

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

```
.background{ background-color:rgb(178,
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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