

Converting Colors

RGB(217, 167, 238)

Have a look what the booklet for
RGB(217, 167, 238) contains.

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Color

RGB(217, 167, 238)

Conversions

Conversions Part 1

Format	Color
Hex	D9A7EE
RGB	217, 167, 238
RGB Percent	85%, 65%, 93%
CMY	0.1490, 0.3451, 0.0667
CMYK	0.09, 0.30, 0.00, 0.07
HSL	282°, 68%, 79%
HSV	282°, 30%, 93%
XYZ	57.8666, 48.5622, 87.2125
YIQ	190.0440, 7.0090, 32.6810

Conversions

Conversions Part 2

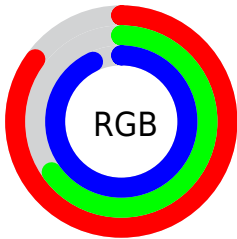
Format	Color
R _Y B	217, 167, 238
Decimal	14264302
CIE Lab	75.18, 30.76, -28.54
CIE LCh	75, 41.960, 317.152
Yxy	48.5622, 0.2988, 0.2508
Android (android.graphics.Color)	4292454382 (0xFFD9A7EE)
YUV	190.0440, 23.6423, 23.6404
Hunter-Lab	69.6866, 26.2720, -25.4206

Details

The RGB color **217, 167, 238** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **188, 238, 167**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 223, 255**, and **161, 114, 182** is the 20% darker color. If you saturate the color by 10%, you get **210, 143, 238**, and if you desaturate by 10%, it is **224, 191, 238**.

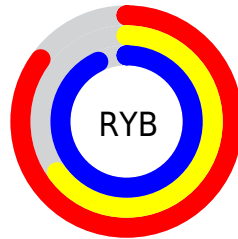
Distribution



Red (85%)

Green (65%)

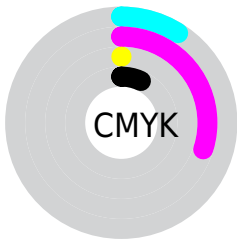
Blue (93%)



Red (85%)

Yellow (65%)

Blue (93%)

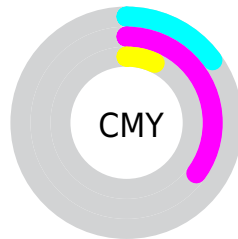


Cyan (9%)

Magenta (30%)

Yellow (0%)

Black (7%)



Cyan (15%)


Magenta (35%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 217, 167, 238 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 217, 167, 238 by changing the saturation by 10% instead.


 217, 167, 238


255, 255, 255

 255, 223, 255

 255, 251, 255

 217, 167, 238

 189, 140, 210

 161, 114, 182

 134, 89, 155

 108, 65, 129


 83, 42, 103


 59, 19, 79


 36, 0, 56

 2, 0, 34

 0, 0, 7

 217, 167, 238

 217, 167, 238

 210, 143, 238

 224, 191, 238

 203, 119, 238

 231, 215, 238

 196, 96, 238


 238, 238, 238

 189, 72, 238

 245, 255, 238

 182, 48, 238

 252, 255, 238

 175, 24, 238

 255, 255, 238

 168, 0, 238

 168, 0, 238

Harmonies

Analogous

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



165, 181, 255



217, 167, 238



250, 157, 203

Triad

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



217, 167, 238



225, 177, 110



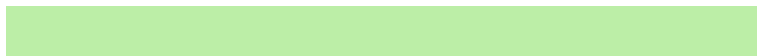
17, 206, 207

Complementary

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



217, 167, 238



188, 238, 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.



93, 205, 167



217, 167, 238



188, 190, 110

Square

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



217, 167, 238



251, 164, 130



144, 199, 131



0, 202, 241

Rectangle

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



217, 167, 238



255, 155, 177



144, 199, 131



50, 206, 193

Sweetspot

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



217, 167, 238



248, 232, 255



167, 188, 238



123, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



217, 167, 238



228, 163, 255



238, 167, 224



116, 108, 120



129, 0, 184



40, 0, 56

Inverse Universe

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



238, 167, 188



255, 163, 190



167, 238, 181



120, 108, 111



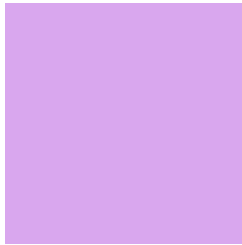
184, 0, 54



56, 0, 17

Previews

White Background



This preview shows how the RGB color 217, 167, 238 looks on a white background.

Color Contrast Check

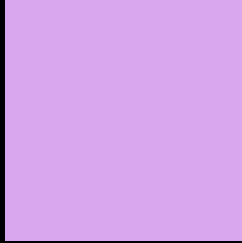
Large Text (above 18pt) WCAG AA × Fail

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 217, 167, 238 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 217, 167, 238 Background



This preview shows how black text looks on a background with the RGB color 217, 167, 238.

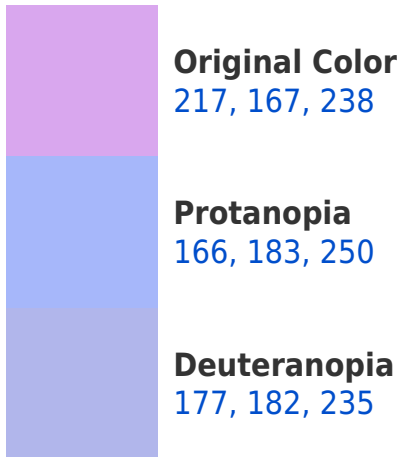



This preview shows how white text looks on a background with the RGB color 217, 167, 238.

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
210, 176, 190

Trichromacy



Original Color

217, 167, 238



Protanomaly

185, 177, 246



Deuteranomaly

192, 177, 236



Tritanomaly

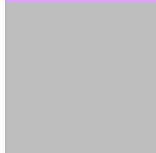
213, 173, 207

Monochromacy



Original Color

217, 167, 238



Achromatopsia

190, 190, 190



Achromatomaly

200, 182, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 217, 167, 238 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(217, 167, 238) looks like.

```
.text, #text, p{  
    color:rgb(217, 167, 238)  
}
```

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(217, 167, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 167, 238) }
```

Border

The CSS property to change the border of an element to RGB 217, 167, 238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

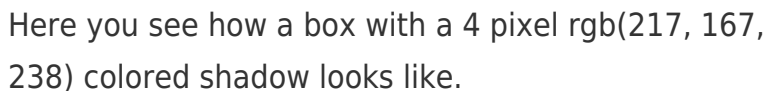
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 167, 238) }
```

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

```
.border{ border-color:rgb(217, 167, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 167, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 167, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 167, 238); box-shadow:4px 4px 4px 4px rgb(217, 167, 238) }
```

Background

The CSS property to change the background color of an element to RGB 217, 167, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 167, 238) }
```

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

```
.background{ background-color: rgb(217,  
167, 238) }
```

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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