

# Converting Colors

RGB(222, 164, 231)

Have a look what the booklet for  
RGB(222, 164, 231) contains.

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# **Color**

**RGB(222, 164, 231)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEA4E7
RGB	222, 164, 231
RGB Percent	87%, 64%, 91%
CMY	0.1294, 0.3569, 0.0941
CMYK	0.04, 0.29, 0.00, 0.09
HSL	292°, 58%, 77%
HSV	292°, 29%, 91%
XYZ	57.8235, 47.8500, 81.7897
YIQ	188.9800, 13.0610, 33.1330

# Conversions

## Conversions Part 2

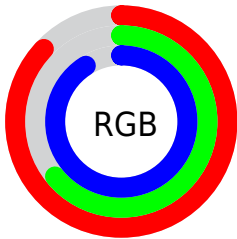
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 164, 231
Decimal	14591207
CIE Lab	74.73, 32.59, -25.38
CIE LCh	75, 41.303, 322.094
Yxy	47.8500, 0.3085, 0.2553
Android (android.graphics.Color)	4292781287 (0xFFDEA4E7)
YUV	188.9800, 20.7159, 28.9585
Hunter-Lab	69.1737, 28.1571, -21.6817

# Details

The RGB color **222, 164, 231** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **173, 231, 164**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 220, 255**, and **166, 111, 175** is the 20% darker color. If you saturate the color by 10%, you get **219, 141, 231**, and if you desaturate by 10%, it is **225, 187, 231**.

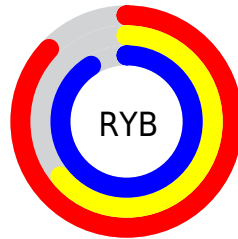
# Distribution



Red (87%)

Green (64%)

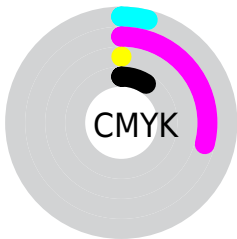
Blue (91%)



Red (87%)

Yellow (64%)

Blue (91%)

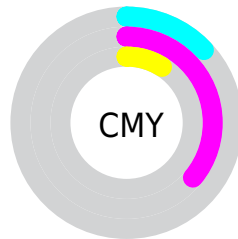


Cyan (4%)

Magenta (29%)

Yellow (0%)

Black (9%)



Cyan (13%)

Magenta (36%)


Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the RGB color 222, 164, 231 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 222, 164, 231 by changing the saturation by 10% instead.



 222, 164, 231

 222, 164, 231

255, 255, 255

 194, 137, 203

 255, 220, 255

 166, 111, 175

 255, 248, 255

 139, 86, 148

 113, 62, 123

 87, 38, 97


 63, 14, 73


 40, 0, 51

 7, 0, 29

 0, 0, 0

 222, 164, 231


 222, 164, 231


 219, 141, 231

 225, 187, 231

 216, 118, 231

 228, 210, 231

 213, 95, 231


 231, 233, 231


 210, 72, 231

 234, 255, 231

 206, 49, 231

 238, 255, 231

 203, 25, 231

 241, 255, 231

 200, 2, 231

 244, 255, 231

 200, 0, 231

 247, 255, 231

 250, 255, 231

# Harmonies

## Analogous

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



173, 178, 254



222, 164, 231



251, 155, 196

# Triad

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



222, 164, 231



218, 178, 108



5, 204, 211

# Complementary

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



222, 164, 231



173, 231, 164

# 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.



85, 204, 172



222, 164, 231



180, 190, 112

# Square

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



222, 164, 231



245, 165, 125



136, 199, 136



28, 200, 243

# Rectangle

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



222, 164, 231



255, 154, 170



136, 199, 136



41, 204, 198



# Sweetspot

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



222, 164, 231



252, 232, 255



164, 174, 231



126, 113, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



222, 164, 231



243, 166, 255



231, 164, 208



113, 103, 115



155, 0, 179



44, 0, 51



# Inverse Universe

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



231, 164, 173



255, 166, 178



164, 231, 187



115, 103, 105



179, 0, 24

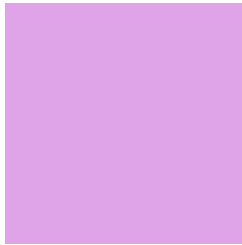


51, 0, 7



# Previews

## White Background



This preview shows how the RGB color 222, 164, 231 looks on a white background.

## Color Contrast Check

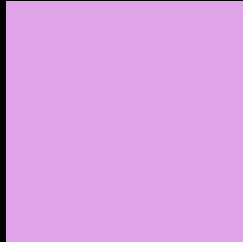
Large Text (above 18pt) WCAG AA × Fail

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 222, 164, 231 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

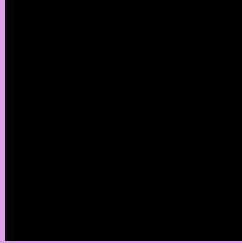
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 222, 164, 231 Background



This preview shows how black text looks on a background with the RGB color 222, 164, 231.

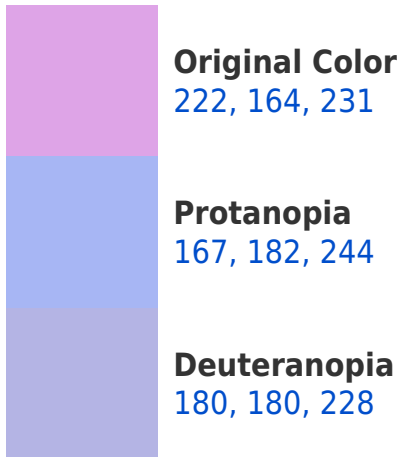



This preview shows how white text looks on a background with the RGB color 222, 164, 231.

# 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**  
216, 173, 186

# Trichromacy



**Original Color**  
222, 164, 231



**Protanomaly**  
187, 175, 239



**Deuteranomaly**  
195, 174, 229



**Tritanomaly**  
218, 170, 202

# Monochromacy



**Original Color**  
222, 164, 231



**Achromatopsia**  
189, 189, 189



**Achromatomaly**  
201, 180, 204

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 222, 164, 231 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(222, 164, 231)` looks like.

```
.text, #text, p{  
    color:rgb(222, 164, 231)  
}
```

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(222, 164, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 164, 231) }
```

## Border

The CSS property to change the border of an element to RGB 222, 164, 231 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(222, 164, 231) }
```

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

```
.border{ border-color:rgb(222, 164, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 164, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 164, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 164, 231);  
box-shadow:4px 4px 4px 4px rgb(222, 164,  
231) }
```

# Background

The CSS property to change the background color of an element to RGB 222, 164, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 164, 231) }
```

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

```
.background{ background-color: rgb(222,  
164, 231) }
```

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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