

Converting Colors

RGB(219, 161, 221)

Have a look what the booklet for
RGB(219, 161, 221) contains.

RGB(219, 161, 221)	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

RGB(219, 161, 221)

Conversions

Conversions Part 1

Format	Color
Hex	DBA1DD
RGB	219, 161, 221
RGB Percent	86%, 63%, 87%
CMY	0.1412, 0.3686, 0.1333
CMYK	0.01, 0.27, 0.00, 0.13
HSL	298°, 47%, 75%
HSV	298°, 27%, 87%
XYZ	55.0094, 45.7703, 74.3418
YIQ	185.1820, 15.3080, 30.9560

Conversions

Conversions Part 2

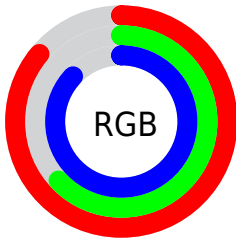
Format	Color
R _Y B	219, 161, 221
Decimal	14393821
CIE Lab	73.40, 31.35, -21.98
CIE LCh	73, 38.289, 324.966
Yxy	45.7703, 0.3141, 0.2614
Android (android.graphics.Color)	4292583901 (0xFFDBA1DD)
YUV	185.1820, 17.6583, 29.6584
Hunter-Lab	67.6537, 26.7448, -17.7937

Details

The RGB color **219, 161, 221** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **163, 221, 161**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **255, 216, 255**, and **163, 109, 166** is the 20% darker color. If you saturate the color by 10%, you get **218, 139, 221**, and if you desaturate by 10%, it is **220, 183, 221**.

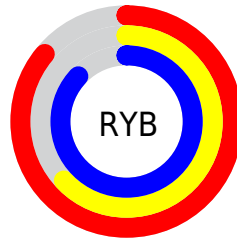
Distribution



Red (86%)

Green (63%)

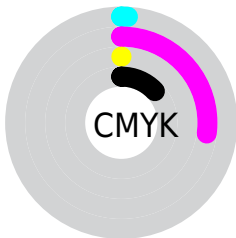
Blue (87%)



Red (86%)

Yellow (63%)

Blue (87%)

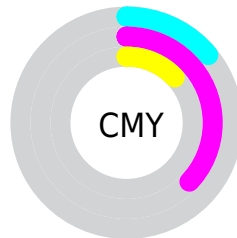


Cyan (1%)

Magenta (27%)

Yellow (0%)

Black (13%)



Cyan (14%)


Magenta (37%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the RGB color 219, 161, 221 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 219, 161, 221 by changing the saturation by 10% instead.


 219, 161, 221

 219, 161, 221

255, 255, 255

 191, 134, 193

 255, 216, 255


 163, 109, 166

 255, 245, 255

 136, 84, 139

 110, 59, 114

 85, 36, 89

 61, 12, 65

 39, 0, 43

 0, 0, 22

 0, 0, 0

■ 219, 161, 221

■ 219, 161, 221

■ 218, 139, 221

■ 220, 183, 221

■ 218, 117, 221

■ 220, 205, 221

■ 217, 95, 221

■ 221, 227, 221

■ 216, 73, 221

■ 222, 249, 221

■ 215, 51, 221

■ 223, 255, 221

■ 215, 28, 221

■ 223, 255, 221

■ 214, 6, 221

■ 224, 255, 221

■ 214, 0, 221

■ 225, 255, 221

■ 226, 255, 221

Harmonies

Analogous

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



176, 173, 244



219, 161, 221



244, 154, 188

Triad

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



219, 161, 221



209, 176, 110



42, 199, 209

Complementary

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



219, 161, 221



163, 221, 161

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.



87, 199, 173



219, 161, 221



173, 187, 115

Square

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



219, 161, 221



236, 164, 124



133, 195, 139



60, 194, 237

Rectangle

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



219, 161, 221



249, 153, 164



133, 195, 139



55, 199, 197

Sweetspot

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



219, 161, 221



254, 235, 255



161, 163, 221



127, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



219, 161, 221



252, 171, 255



221, 161, 193



109, 99, 110



168, 0, 173



44, 0, 46

Inverse Universe

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



221, 161, 163



255, 171, 174



161, 221, 189



110, 99, 99



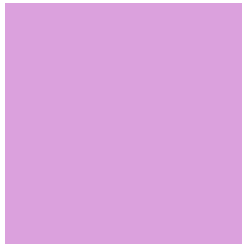
173, 0, 6



46, 0, 2

Previews

White Background



This preview shows how the RGB color 219, 161, 221 looks on a white background.

Color Contrast Check

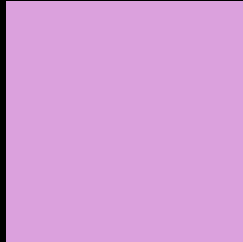
Large Text (above 18pt) WCAG AA × Fail

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 219, 161, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

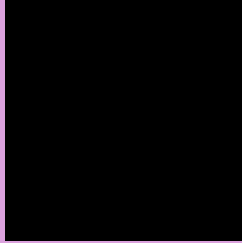
Any Text WCAG AA ✓ Pass

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 219, 161, 221 Background



This preview shows how black text looks on a background with the RGB color 219, 161, 221.



This preview shows how white text looks on a background with the RGB color 219, 161, 221.

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
219, 161, 221

Protanopia
166, 179, 233

Deuteranopia
179, 177, 218



Tritanopia

214, 168, 182

Trichromacy



Original Color
219, 161, 221



Protanomaly
185, 172, 229



Deuteranomaly
194, 171, 219



Tritanomaly
216, 165, 196

Monochromacy



Original Color
219, 161, 221



Achromatopsia
185, 185, 185



Achromatomaly
197, 176, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 161, 221 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(219, 161, 221)` looks like.

```
.text, #text, p{  
    color:rgb(219, 161, 221)  
}
```

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(219, 161, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 161, 221) }
```

Border

The CSS property to change the border of an element to RGB 219, 161, 221 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(219, 161, 221) }
```

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

```
.border{ border-color:rgb(219, 161, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 161, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 161, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 161, 221);  
box-shadow:4px 4px 4px 4px rgb(219, 161,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 219, 161, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 161, 221) }
```

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

```
.background{ background-color: rgb(219,  
161, 221) }
```

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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