

Converting Colors

RGB(221, 171, 218)

Have a look what the booklet for
RGB(221, 171, 218) contains.

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Color

RGB(221, 171, 218)

Conversions

Conversions Part 1

Format	Color
Hex	DDABDA
RGB	221, 171, 218
RGB Percent	87%, 67%, 85%
CMY	0.1333, 0.3294, 0.1451
CMYK	0.00, 0.23, 0.01, 0.13
HSL	304°, 42%, 77%
HSV	304°, 23%, 87%
XYZ	57.0366, 49.5599, 72.8895
YIQ	191.3080, 14.7130, 25.2170

Conversions

Conversions Part 2

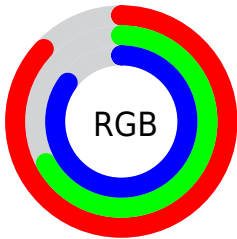
Format	Color
R _Y B	221, 171, 218
Decimal	14527450
CIE Lab	75.80, 26.05, -16.68
CIE LCh	76, 30.939, 327.366
Yxy	49.5599, 0.3178, 0.2761
Android (android.graphics.Color)	4292717530 (0xFFDDABDA)
YUV	191.3080, 13.1592, 26.0399
Hunter-Lab	70.3988, 21.4214, -12.1085

Details

The RGB color **221, 171, 218** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171, 221, 174**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 227, 255**, and **165, 118, 163** is the 20% darker color. If you saturate the color by 10%, you get **221, 149, 217**, and if you desaturate by 10%, it is **221, 193, 219**.

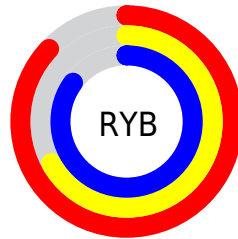
Distribution



Red (87%)

Green (67%)

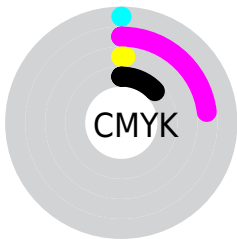
Blue (85%)



Red (87%)

Yellow (67%)

Blue (85%)

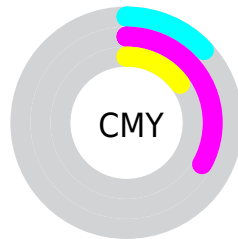


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (13%)



Cyan (13%)


Magenta (33%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RGB color 221, 171, 218 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 221, 171, 218 by changing the saturation by 10% instead.

 221, 171, 218

255, 255, 255


 255, 227, 255

 221, 171, 218

 193, 144, 190


 165, 118, 163


 139, 93, 137

 113, 69, 111


 88, 46, 87


 63, 23, 63


 41, 1, 41


 10, 0, 20


 0, 0, 0


 221, 171, 218


 221, 171, 218

 221, 149, 217


 221, 193, 219

 221, 127, 215


 221, 215, 221

 221, 105, 214


 221, 237, 222

 221, 83, 213


 221, 255, 223

 221, 60, 211


 221, 255, 225

 221, 38, 210

 221, 255, 226

 221, 16, 209

 221, 255, 227

 221, 0, 208

 221, 255, 229

 221, 255, 230

Harmonies

Analogous

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



188, 180, 237



221, 171, 218



240, 166, 190

Triad

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



221, 171, 218



209, 184, 130



97, 202, 212

Complementary

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



221, 171, 218



171, 221, 174

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.



115, 202, 183



221, 171, 218



180, 193, 136

Square

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



221, 171, 218



232, 175, 140



147, 199, 155



110, 198, 234

Rectangle

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



221, 171, 218



244, 166, 171



147, 199, 155



101, 203, 203

Sweetspot

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



221, 171, 218



255, 237, 254



174, 171, 221



128, 117, 127



0, 0, 0



128, 128, 128

Same Dimension

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



221, 171, 218



255, 186, 251



221, 171, 193



110, 99, 109



173, 0, 163



46, 0, 43

Inverse Universe

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



221, 171, 218



255, 186, 251



171, 221, 199



110, 99, 109



173, 0, 163



46, 0, 43

Previews

White Background



This preview shows how the RGB color 221, 171, 218 looks on a white background.

Color Contrast Check

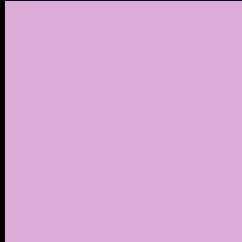
Large Text (above 18pt) WCAG AA × Fail

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 221, 171, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

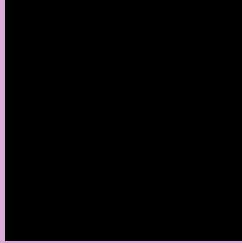
Any Text WCAG AA ✓ Pass

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 221, 171, 218 Background



This preview shows how black text looks on a background with the RGB color 221, 171, 218.



This preview shows how white text looks on a background with the RGB color 221, 171, 218.

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
221, 171, 218

Protanopia
178, 185, 228

Deuteranopia
192, 182, 216



Tritanopia
217, 176, 190

Trichromacy



Original Color

221, 171, 218

Protanomaly

194, 180, 224

Deuteranomaly

203, 178, 217

Tritanomaly

218, 174, 200

Monochromacy



Original Color

221, 171, 218

Achromatopsia

191, 191, 191

Achromatomaly

202, 184, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 171, 218 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(221, 171, 218)` looks like.

```
.text, #text, p{  
    color:rgb(221, 171, 218)  
}
```

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(221, 171, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 171, 218) }
```

Border

The CSS property to change the border of an element to RGB 221, 171, 218 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(221, 171, 218) }
```

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

```
.border{ border-color:rgb(221, 171, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 171, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 171, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 171, 218);  
box-shadow:4px 4px 4px 4px rgb(221, 171,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 221, 171, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 171, 218) }
```

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

```
.background{ background-color: rgb(221,  
171, 218) }
```

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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