

Converting Colors

RGB(221, 158, 213)

Have a look what the booklet for
RGB(221, 158, 213) contains.

RGB(221, 158, 213)	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(221, 158, 213)

Conversions

Conversions Part 1

Format	Color
Hex	DD9ED5
RGB	221, 158, 213
RGB Percent	87%, 62%, 84%
CMY	0.1333, 0.3804, 0.1647
CMYK	0.00, 0.29, 0.04, 0.13
HSL	308°, 48%, 74%
HSV	308°, 29%, 87%
XYZ	54.0559, 44.6300, 68.7162
YIQ	183.1070, 19.8930, 30.4610

Conversions

Conversions Part 2

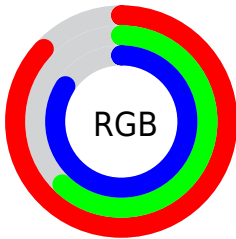
Format	Color
R_{YB}	221, 158, 213
Decimal	14524117
CIE _{Lab}	72.65, 32.16, -18.71
CIE _{LCh}	73, 37.205, 329.806
Yxy	44.6300, 0.3229, 0.2666
Android (android.graphics.Color)	4292714197 (0xFFDD9ED5)
YUV	183.1070, 14.7372, 33.2322
Hunter-Lab	66.8057, 27.5236, -14.2216

Details

The RGB color **221, 158, 213** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **158, 221, 166**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 213, 255**, and **165, 106, 158** is the 20% darker color. If you saturate the color by 10%, you get **221, 136, 210**, and if you desaturate by 10%, it is **221, 180, 216**.

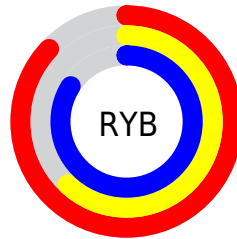
Distribution



Red (87%)

Green (62%)

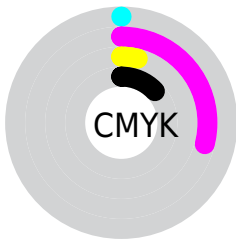
Blue (84%)



Red (87%)

Yellow (62%)

Blue (84%)

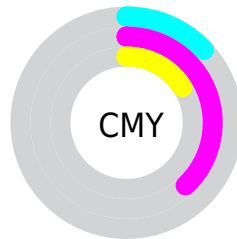


Cyan (0%)

Magenta (29%)

Yellow (4%)

Black (13%)



Cyan (13%)


Magenta (38%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 158, 213 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, 158, 213 by changing the saturation by 10% instead.

 221, 158, 213

 221, 158, 213

255, 255, 255

 193, 131, 185

 255, 213, 255

 165, 106, 158

 255, 242, 255

 138, 81, 132

 112, 57, 107

 87, 33, 82

 62, 7, 59

 40, 0, 37

 0, 0, 14

 0, 0, 0

■ 221, 158, 213

■ 221, 158, 213

■ 221, 136, 210

■ 221, 180, 216

■ 221, 114, 207

■ 221, 202, 219

■ 221, 92, 205

■ 221, 224, 221

■ 221, 70, 202

■ 221, 246, 224

■ 221, 48, 199

■ 221, 255, 227

■ 221, 25, 196

■ 221, 255, 230

■ 221, 3, 193

■ 221, 255, 233

■ 221, 0, 193

■ 221, 255, 235

■ 221, 255, 238

Harmonies

Analogous

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



182, 170, 237



221, 158, 213



242, 152, 180

Triad

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



221, 158, 213



201, 176, 110



46, 196, 211

Complementary

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



221, 158, 213



158, 221, 166

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.



81, 196, 177



221, 158, 213



166, 186, 118

Square

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



221, 158, 213



229, 164, 120



125, 193, 143



73, 191, 236

Rectangle

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



221, 158, 213



245, 153, 157



125, 193, 143



54, 196, 200

Sweetspot

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



221, 158, 213



255, 232, 252



165, 158, 221



128, 113, 126



0, 0, 0



128, 128, 128

Same Dimension

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



221, 158, 213



255, 168, 244



221, 158, 182



110, 99, 108



173, 0, 151



46, 0, 40

Inverse Universe

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



221, 158, 213



255, 168, 244



158, 221, 197



110, 99, 108



173, 0, 151



46, 0, 40

Previews

White Background



This preview shows how the RGB color 221, 158, 213 looks on a white background.

Color Contrast Check

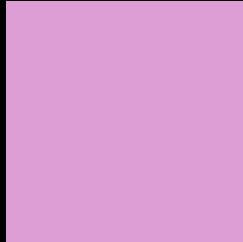
Large Text (above 18pt) WCAG AA × Fail

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, 158, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

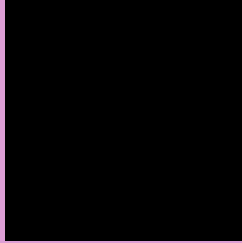
Any Text WCAG AA ✓ Pass

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, 158, 213 Background



This preview shows how black text looks on a background with the RGB color 221, 158, 213.



This preview shows how white text looks on a background with the RGB color 221, 158, 213.

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, 158, 213

Protanopia
166, 177, 226

Deuteranopia
181, 174, 210



Tritanopia
216, 165, 177

Trichromacy



Original Color

221, 158, 213



Protanomaly

186, 170, 221



Deuteranomaly

196, 168, 211



Tritanomaly

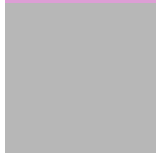
218, 162, 190

Monochromacy



Original Color

221, 158, 213



Achromatopsia

183, 183, 183



Achromatomaly

197, 174, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 158, 213 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, 158, 213)` looks like.

```
.text, #text, p{  
    color:rgb(221, 158, 213)  
}
```

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, 158, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 158, 213) }
```

Border

The CSS property to change the border of an element to RGB 221, 158, 213 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, 158, 213) }
```

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

```
.border{ border-color:rgb(221, 158, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 158, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 158, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 158, 213);  
box-shadow:4px 4px 4px 4px rgb(221, 158,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 221, 158, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 158, 213) }
```

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

```
.background{ background-color: rgb(221,  
158, 213) }
```

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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