

Converting Colors

RGB(221, 130, 155)

Have a look what the booklet for
RGB(221, 130, 155) contains.

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Color

RGB(221, 130, 155)

Conversions

Conversions Part 1

Format	Color
Hex	DD829B
RGB	221, 130, 155
RGB Percent	87%, 51%, 61%
CMY	0.1333, 0.4902, 0.3922
CMYK	0.00, 0.41, 0.30, 0.13
HSL	344°, 57%, 69%
HSV	344°, 41%, 87%
XYZ	43.7178, 33.7040, 35.2117
YIQ	160.0590, 46.2110, 27.0670

Conversions

Conversions Part 2

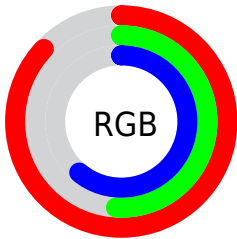
Format	Color
R _Y B	221, 130, 155
Decimal	14516891
CIE Lab	64.73, 38.00, 1.90
CIE LCh	65, 38.048, 2.870
Yxy	33.7040, 0.3881, 0.2992
Android (android.graphics.Color)	4292706971 (0xFFDD829B)
YUV	160.0590, -2.4941, 53.4453
Hunter-Lab	58.0551, 32.8211, 4.6779

Details

The RGB color **221, 130, 155** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **130, 221, 196**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **255, 184, 209**, and **164, 78, 104** is the 20% darker color. If you saturate the color by 10%, you get **221, 108, 139**, and if you desaturate by 10%, it is **221, 152, 171**.

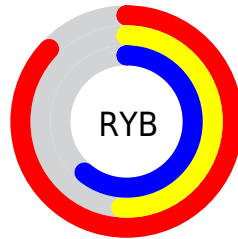
Distribution



Red (87%)

Green (51%)

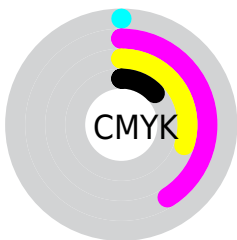
Blue (61%)



Red (87%)

Yellow (51%)

Blue (61%)

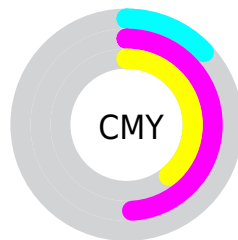


Cyan (0%)

Magenta (41%)

Yellow (30%)

Black (13%)



Cyan (13%)


Magenta (49%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 130, 155 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, 130, 155 by changing the saturation by 10% instead.


 221, 130, 155


255, 255, 255

 255, 184, 209

 255, 212, 238

 255, 241, 255

 221, 130, 155

 192, 104, 129

 164, 78, 104

 136, 53, 80


 109, 27, 57


 82, 0, 36

 57, 0, 14

 29, 0, 1

 0, 0, 0

 221, 130, 155

 221, 130, 155

■ 221, 108, 139

■ 221, 152, 171

■ 221, 86, 123

■ 221, 174, 187

■ 221, 64, 107

■ 221, 196, 203

■ 221, 42, 91

■ 221, 218, 219

■ 221, 19, 75

■ 221, 241, 235

■ 221, 0, 61

■ 221, 255, 251

■ 221, 255, 255

Harmonies

Analogous

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



202, 135, 189



221, 130, 155



221, 134, 122

Triad

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



221, 130, 155



140, 166, 99



39, 169, 217

Complementary

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



221, 130, 155



130, 221, 196

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.



0, 174, 193



221, 130, 155



98, 172, 125

Square

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



221, 130, 155



176, 156, 88



44, 175, 159



111, 159, 225

Rectangle

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



221, 130, 155



211, 140, 104



44, 175, 159



0, 171, 210

Sweetspot

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



221, 130, 155



255, 224, 233



195, 130, 221



128, 110, 115



0, 0, 0



128, 128, 128

Same Dimension

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



221, 130, 155



255, 130, 164



221, 150, 130



110, 99, 102



173, 0, 48



46, 0, 13

Inverse Universe

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



221, 130, 155



255, 130, 164



130, 201, 221



110, 99, 102



173, 0, 48



46, 0, 13

Previews

White Background



This preview shows how the RGB color 221, 130, 155 looks on a white background.

Color Contrast Check

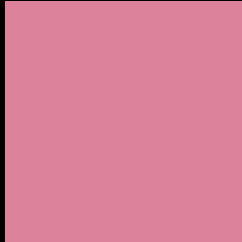
Large Text (above 18pt) WCAG AA × Fail

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, 130, 155 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, 130, 155 Background



This preview shows how black text looks on a background with the RGB color 221, 130, 155.

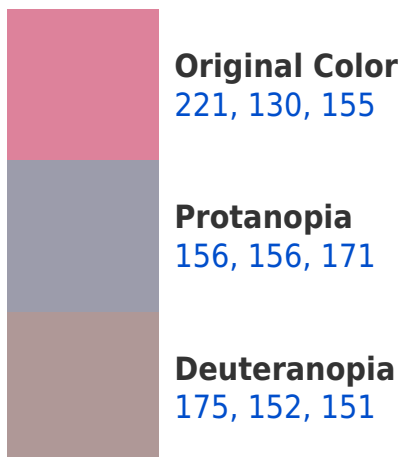


This preview shows how white text looks on a background with the RGB color 221, 130, 155.

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](#).

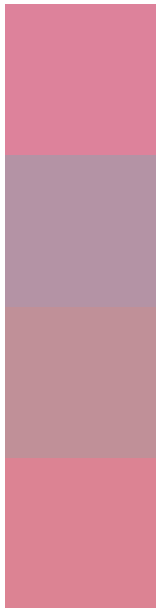
Dichromacy





Tritanopia
220, 132, 142

Trichromacy



Original Color
221, 130, 155

Protanomaly
180, 147, 165

Deuteranomaly
192, 144, 152

Tritanomaly
220, 131, 147

Monochromacy



Original Color
221, 130, 155

Achromatopsia
160, 160, 160

Achromatomaly
182, 149, 158

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 130, 155 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, 130, 155)` looks like.

```
.text, #text, p{  
    color:rgb(221, 130, 155)  
}
```

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, 130, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 130, 155) }
```

Border

The CSS property to change the border of an element to RGB 221, 130, 155 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, 130, 155) }
```

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

```
.border{ border-color:rgb(221, 130, 155) }
```

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

Here you see how a box with a 4 pixel rgb(221, 130, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 130, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 130, 155);  
box-shadow:4px 4px 4px 4px rgb(221, 130,  
155) }
```

Background

The CSS property to change the background color of an element to RGB 221, 130, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 130, 155) }
```

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

```
.background{ background-color: rgb(221,  
130, 155) }
```

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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