

Converting Colors

RGB(221, 78, 164)

Have a look what the booklet for
RGB(221, 78, 164) contains.

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Color

RGB(221, 78, 164)

Conversions

Conversions Part 1

Format	Color
Hex	DD4EA4
RGB	221, 78, 164
RGB Percent	87%, 31%, 64%
CMY	0.1333, 0.6941, 0.3569
CMYK	0.00, 0.65, 0.26, 0.13
HSL	324°, 68%, 59%
HSV	324°, 65%, 87%
XYZ	39.2440, 23.5013, 37.5898
YIQ	130.5610, 57.6220, 57.0620

Conversions

Conversions Part 2

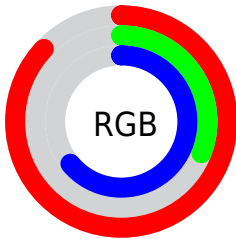
Format	Color
R _{YB}	221, 78, 164
Decimal	14503588
CIE Lab	55.58, 63.76, -16.88
CIE LCh	56, 65.960, 345.172
Yxy	23.5013, 0.3911, 0.2342
Android (android.graphics.Color)	4292693668 (0xFFDD4EA4)
YUV	130.5610, 16.4854, 79.3150
Hunter-Lab	48.4781, 59.6627, -12.0386

Details

The RGB color **221, 78, 164** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **78, 221, 135**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **255, 135, 219**, and **162, 0, 112** is the 20% darker color. If you saturate the color by 10%, you get **221, 56, 155**, and if you desaturate by 10%, it is **221, 100, 173**.

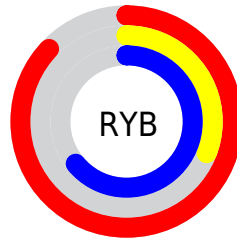
Distribution



Red (87%)

Green (31%)

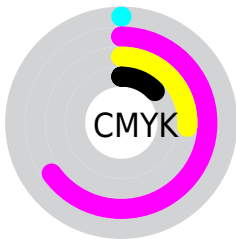
Blue (64%)



Red (87%)

Yellow (31%)

Blue (64%)

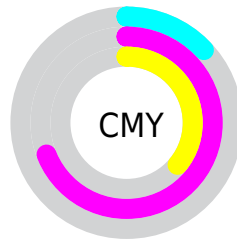


Cyan (0%)

Magenta (65%)

Yellow (26%)

Black (13%)



Cyan (13%)

Magenta (69%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 78, 164 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, 78, 164 by changing the saturation by 10% instead.



221, 78, 164



221, 78, 164

255, 255, 255



191, 47, 138



255, 135, 219



162, 0, 112



255, 164, 248



133, 0, 88



255, 193, 255



105, 0, 64



255, 222, 255



77, 0, 42



255, 252, 255



51, 0, 21



4, 0, 0



0, 0, 0



221, 78, 164



221, 78, 164

■ 221, 56, 155

■ 221, 100, 173

■ 221, 34, 146

■ 221, 122, 182

■ 221, 12, 138

■ 221, 144, 190

■ 221, 0, 133

■ 221, 166, 199

■ 221, 189, 208

■ 221, 211, 217

■ 221, 233, 226

■ 221, 255, 234

■ 221, 255, 243

Harmonies

Analogous

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



172, 104, 215



221, 78, 164



235, 74, 107

Triad

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



221, 78, 164



133, 139, 0



0, 157, 214

Complementary

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



221, 78, 164



78, 221, 135

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, 159, 162



221, 78, 164



63, 151, 44

Square

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



221, 78, 164



183, 120, 0



0, 158, 102



0, 148, 244

Rectangle

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



221, 78, 164



227, 86, 70



0, 158, 102



0, 158, 198

Sweetspot

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



221, 78, 164



255, 207, 236



133, 78, 221



128, 98, 116



0, 0, 0



128, 128, 128

Same Dimension

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



221, 78, 164



255, 56, 176



221, 78, 95



110, 99, 105



173, 0, 104



46, 0, 28

Inverse Universe

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



221, 78, 164



255, 56, 176



78, 221, 204



110, 99, 105



173, 0, 104



46, 0, 28

Previews

White Background



This preview shows how the RGB color 221, 78, 164 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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, 78, 164 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 × Fail

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

RGB 221, 78, 164 Background



This preview shows how black text looks on a background with the RGB color 221, 78, 164.

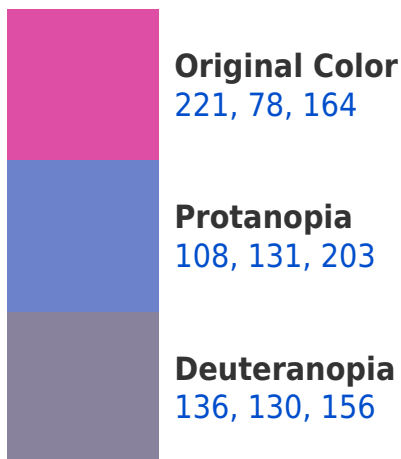


This preview shows how white text looks on a background with the RGB color 221, 78, 164.

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, 94, 100

Trichromacy



Original Color

221, 78, 164



Protanomaly

149, 112, 189



Deuteranomaly

167, 111, 159



Tritanomaly

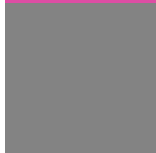
218, 88, 123

Monochromacy



Original Color

221, 78, 164



Achromatopsia

131, 131, 131



Achromatomaly

164, 112, 143

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 78, 164 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, 78, 164)` looks like.

```
.text, #text, p{  
    color:rgb(221, 78, 164)  
}
```

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, 78, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 78, 164) }
```

Border

The CSS property to change the border of an element to RGB 221, 78, 164 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, 78, 164) }
```

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

```
.border{ border-color:rgb(221, 78, 164) }
```

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

Here you see how a box with a 4 pixel rgb(221, 78, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 78, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 78, 164);  
box-shadow:4px 4px 4px 4px rgb(221, 78,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 221, 78, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 78, 164) }
```

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

```
.background{ background-color: rgb(221, 78,  
164) }
```

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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