

Converting Colors

RGB(221, 134, 201)

Have a look what the booklet for
RGB(221, 134, 201) contains.

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Color

RGB(221, 134, 201)

Conversions

Conversions Part 1

Format	Color
Hex	DD86C9
RGB	221, 134, 201
RGB Percent	87%, 53%, 79%
CMY	0.1333, 0.4745, 0.2118
CMYK	0.00, 0.39, 0.09, 0.13
HSL	314°, 56%, 70%
HSV	314°, 39%, 87%
XYZ	48.8865, 36.6394, 59.7538
YIQ	167.6510, 30.3450, 39.2810

Conversions

Conversions Part 2

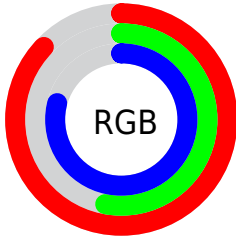
Format	Color
R_{YB}	221, 134, 201
Decimal	14517961
CIE _{Lab}	67.01, 42.83, -20.63
CIE _{LCh}	67, 47.536, 334.278
Yxy	36.6394, 0.3365, 0.2522
Android (android.graphics.Color)	4292708041 (0xFFDD86C9)
YUV	167.6510, 16.4411, 46.7871
Hunter-Lab	60.5305, 38.2344, -16.1579

Details

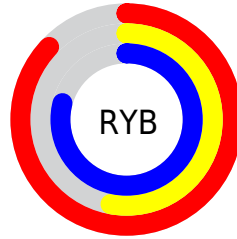
The RGB color **221, 134, 201** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **134, 221, 154**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **255, 189, 255**, and **164, 82, 147** is the 20% darker color. If you saturate the color by 10%, you get **221, 112, 196**, and if you desaturate by 10%, it is **221, 156, 206**.

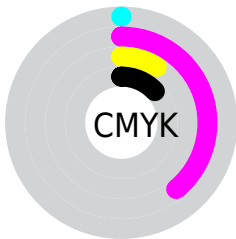
Distribution



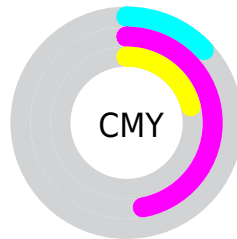
- Red (87%)
- Green (53%)
- Blue (79%)



- Red (87%)
- Yellow (53%)
- Blue (79%)



- Cyan (0%)
- Magenta (39%)
- Yellow (9%)
- Black (13%)





- Cyan (13%)
- Magenta (47%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RGB color 221, 134, 201 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, 134, 201 by changing the saturation by 10% instead.

 221, 134, 201

 221, 134, 201

255, 255, 255

 192, 108, 174

 255, 189, 255

 164, 82, 147

 255, 217, 255

 137, 56, 121

 255, 246, 255

 110, 30, 96


 84, 0, 72


 59, 0, 49


 37, 0, 28


 0, 0, 0


 221, 134, 201


 221, 134, 201


 221, 112, 196


 221, 156, 206

 221, 90, 191


 221, 178, 211


 221, 68, 186


 221, 200, 216

 221, 46, 181


 221, 222, 221


 221, 23, 176


 221, 245, 226


 221, 1, 171

 221, 255, 231

 221, 0, 170

 221, 255, 237

 221, 255, 242

 221, 255, 247

Harmonies

Analogous

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



175, 149, 234



221, 134, 201



242, 127, 159

Triad

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



221, 134, 201



183, 163, 75



0, 184, 210

Complementary

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



221, 134, 201



134, 221, 154

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, 185, 168



221, 134, 201



138, 175, 90

Square

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



221, 134, 201



218, 147, 86



81, 182, 124



0, 177, 239

Rectangle

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



221, 134, 201



243, 130, 130



81, 182, 124



0, 185, 197

Sweetspot

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



221, 134, 201



255, 224, 248



153, 134, 221



128, 110, 123



0, 0, 0



128, 128, 128

Same Dimension

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



221, 134, 201



255, 135, 227



221, 134, 159



110, 99, 107



173, 0, 134



46, 0, 35

Inverse Universe

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



221, 134, 201



255, 135, 227



134, 221, 196



110, 99, 107



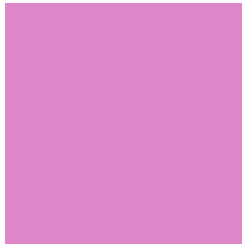
173, 0, 134



46, 0, 35

Previews

White Background



This preview shows how the RGB color 221, 134, 201 looks on a white background.

Color Contrast Check

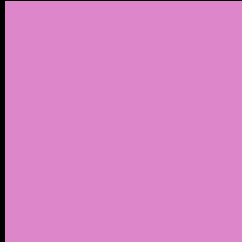
Large Text (above 18pt) WCAG AA × Fail

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, 134, 201 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, 134, 201 Background



This preview shows how black text looks on a background with the RGB color 221, 134, 201.



This preview shows how white text looks on a background with the RGB color 221, 134, 201.

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, 134, 201

Protanopia
146, 161, 221

Deuteranopia
163, 160, 196



Tritanopia
215, 143, 154

Trichromacy



Original Color

221, 134, 201



Protanomaly

173, 151, 214



Deuteranomaly

184, 151, 198



Tritanomaly

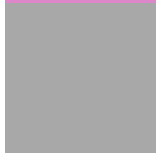
217, 140, 171

Monochromacy



Original Color

221, 134, 201



Achromatopsia

168, 168, 168



Achromatomaly

187, 156, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 134, 201 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, 134, 201) looks like.

```
.text, #text, p{  
    color:rgb(221, 134, 201)  
}
```

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, 134, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 134, 201) }
```

Border

The CSS property to change the border of an element to RGB 221, 134, 201 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, 134, 201) }
```

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

```
.border{ border-color:rgb(221, 134, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 134, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 134, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 134, 201);  
box-shadow:4px 4px 4px 4px rgb(221, 134,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 221, 134, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 134, 201) }
```

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

```
.background{ background-color: rgb(221,  
134, 201) }
```

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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