

Converting Colors

RGB(222, 131, 255)

Have a look what the booklet for
RGB(222, 131, 255) contains.

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Color

RGB(222, 131, 255)

Conversions

Conversions Part 1

Format	Color
Hex	DE83FF
RGB	222, 131, 255
RGB Percent	87%, 51%, 100%
CMY	0.1294, 0.4863, 0.0000
CMYK	0.13, 0.49, 0.00, 0.00
HSL	284°, 100%, 76%
HSV	284°, 49%, 100%
XYZ	56.2905, 38.9822, 99.1652
YIQ	172.3450, 14.4320, 57.8560

Conversions

Conversions Part 2

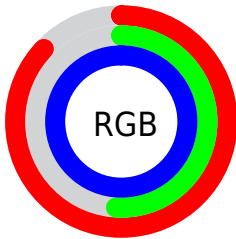
Format	Color
R _Y B	222, 131, 255
Decimal	14582783
CIE Lab	68.74, 54.64, -47.76
CIE LCh	69, 72.572, 318.841
Yxy	38.9822, 0.2895, 0.2005
Android (android.graphics.Color)	4292772863 (0xFFDE83FF)
YUV	172.3450, 40.7489, 43.5474
Hunter-Lab	62.4357, 51.6687, -50.4639

Details

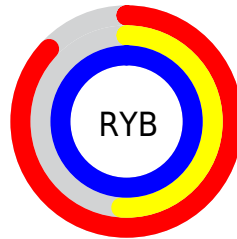
The RGB color **222, 131, 255** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **164, 255, 131**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 186, 255**, and **164, 78, 198** is the 20% darker color. If you saturate the color by 10%, you get **215, 106, 255**, and if you desaturate by 10%, it is **229, 156, 255**.

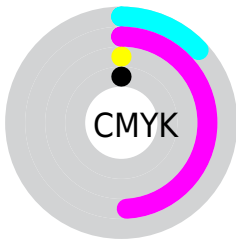
Distribution



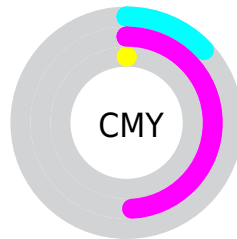
- Red (87%)
- Green (51%)
- Blue (100%)



- Red (87%)
- Yellow (51%)
- Blue (100%)



- Cyan (13%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 222, 131, 255 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 222, 131, 255 by changing the saturation by 10% instead.

 222, 131, 255

 222, 131, 255


255, 255, 255

 193, 104, 226

 255, 186, 255

 164, 78, 198

 255, 215, 255

 136, 51, 170

 255, 244, 255


 109, 20, 143

 82, 0, 117

 55, 0, 92

 31, 0, 68

 0, 0, 44

 0, 1, 22

■ 222, 131, 255

■ 222, 131, 255

■ 215, 106, 255

■ 229, 156, 255

■ 208, 80, 255

■ 236, 182, 255

■ 202, 55, 255

■ 242, 208, 255

■ 195, 29, 255

■ 249, 233, 255

■ 188, 4, 255

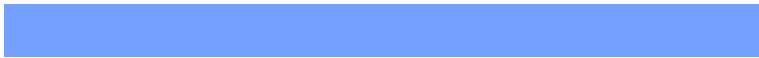
255, 255, 255

■ 187, 0, 255

Harmonies

Analogous

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



116, 161, 255



222, 131, 255



255, 105, 195

Triad

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



222, 131, 255



220, 156, 13



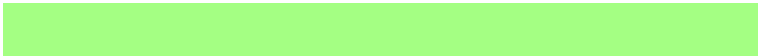
0, 198, 208

Complementary

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



222, 131, 255



164, 255, 131

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, 197, 140



222, 131, 255



160, 177, 13

Square

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



222, 131, 255



255, 128, 70



77, 190, 75



0, 194, 255

Rectangle

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



222, 131, 255



255, 101, 151



77, 190, 75



0, 198, 186

Sweetspot

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



222, 131, 255



245, 217, 255



131, 164, 255



121, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



222, 131, 255



216, 107, 255



255, 131, 226



124, 115, 128



140, 0, 191



47, 0, 64

Inverse Universe

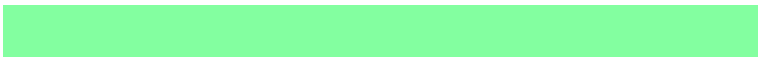
The Inverse Universe completely reimagines the original color for something new.



255, 131, 164



255, 107, 146



131, 255, 160



128, 115, 118



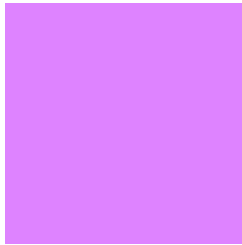
191, 0, 51



64, 0, 17

Previews

White Background



This preview shows how the RGB color 222, 131, 255 looks on a white background.

Color Contrast Check

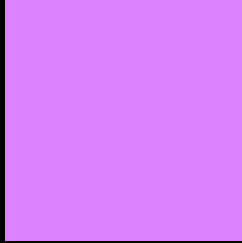
Large Text (above 18pt) WCAG AA × Fail

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 222, 131, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

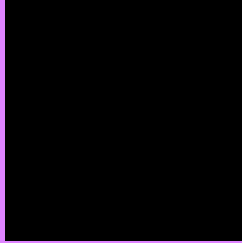
Any Text WCAG AA ✓ Pass

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 222, 131, 255 Background



This preview shows how black text looks on a background with the RGB color 222, 131, 255.



This preview shows how white text looks on a background with the RGB color 222, 131, 255.

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
222, 131, 255

Protanopia
135, 165, 255

Deuteranopia
133, 167, 248



Tritanopia
209, 153, 164

Trichromacy



Original Color

222, 131, 255



Protanomaly

167, 153, 255



Deuteranomaly

165, 154, 251

Tritanomaly

214, 145, 197

Monochromacy



Original Color

222, 131, 255



Achromatopsia

172, 172, 172



Achromatomaly

190, 157, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 131, 255 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(222, 131, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 131, 255)  
}
```

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(222, 131, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 131, 255) }
```

Border

The CSS property to change the border of an element to RGB 222, 131, 255 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(222, 131, 255) }
```

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

```
.border{ border-color:rgb(222, 131, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 131, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 131, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 131, 255);  
box-shadow:4px 4px 4px 4px rgb(222, 131,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 222, 131, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 131, 255) }
```

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

```
.background{ background-color: rgb(222,  
131, 255) }
```

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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