

Converting Colors

RGB(221, 84, 252)

Have a look what the booklet for
RGB(221, 84, 252) contains.

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Color

RGB(221, 84, 252)

Conversions

Conversions Part 1

Format	Color
Hex	DD54FC
RGB	221, 84, 252
RGB Percent	87%, 33%, 99%
CMY	0.1333, 0.6706, 0.0118
CMYK	0.12, 0.67, 0.00, 0.01
HSL	289°, 97%, 66%
HSV	289°, 67%, 99%
XYZ	50.5598, 28.7411, 94.9782
YIQ	144.1150, 27.7240, 81.2920

Conversions

Conversions Part 2

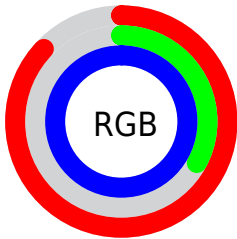
Format	Color
R _Y B	221, 84, 252
Decimal	14505212
CIE Lab	60.55, 75.16, -59.11
CIE LCh	61, 95.619, 321.817
Yxy	28.7411, 0.2901, 0.1649
Android (android.graphics.Color)	4292695292 (0xFFDD54FC)
YUV	144.1150, 53.1873, 67.4281
Hunter-Lab	53.6107, 74.5231, -67.5124

Details

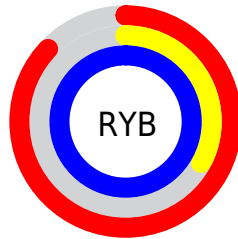
The RGB color **221, 84, 252** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **115, 252, 84**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **255, 143, 255**, and **162, 0, 195** is the 20% darker color. If you saturate the color by 10%, you get **216, 59, 252**, and if you desaturate by 10%, it is **226, 109, 252**.

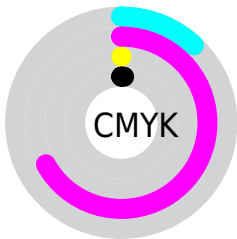
Distribution



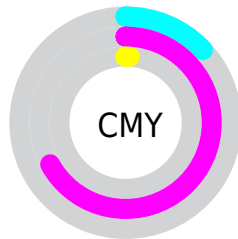
- Red (87%)
- Green (33%)
- Blue (99%)



- Red (87%)
- Yellow (33%)
- Blue (99%)



- Cyan (12%)
- Magenta (67%)
- Yellow (0%)
- Black (1%)



















- Cyan (13%)
- Magenta (67%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 84, 252 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, 84, 252 by changing the saturation by 10% instead.

 221, 84, 252	 221, 84, 252
 255, 255, 255	 191, 52, 223
 255, 143, 255	 162, 0, 195
 255, 172, 255	 133, 0, 167
 255, 201, 255	 104, 0, 140
 255, 230, 255	 75, 0, 113
	 49, 0, 88
	 12, 0, 64
	 0, 3, 40
	 0, 1, 18

■ 221, 84, 252

■ 221, 84, 252

■ 216, 59, 252

■ 226, 109, 252

■ 212, 34, 252

■ 230, 134, 252

■ 207, 8, 252

■ 235, 160, 252

■ 206, 0, 252

■ 240, 185, 252

■ 244, 210, 252

■ 249, 235, 252

■ 254, 255, 252

■ 255, 255, 252

Harmonies

Analogous

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



49, 134, 255



221, 84, 252



255, 0, 173

Triad

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



221, 84, 252



196, 135, 0



0, 181, 207

Complementary

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



221, 84, 252



115, 252, 84

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, 179, 119



221, 84, 252



118, 160, 0

Square

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



221, 84, 252



255, 92, 0



0, 173, 13



0, 178, 255

Rectangle

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



221, 84, 252



255, 0, 117



0, 173, 13



0, 181, 178

Sweetspot

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



221, 84, 252



246, 204, 255



84, 118, 252



122, 97, 128



0, 0, 0



128, 128, 128

Same Dimension

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



221, 84, 252



217, 51, 255



252, 84, 202



123, 112, 125



154, 0, 189



50, 0, 61

Inverse Universe

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



252, 84, 115



255, 51, 89



84, 252, 134



125, 112, 115



189, 0, 35



61, 0, 11

Previews

White Background



This preview shows how the RGB color 221, 84, 252 looks on a white background.

Color Contrast Check

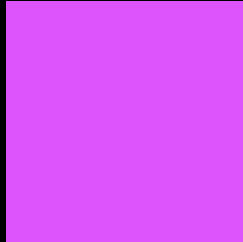
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84, 252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

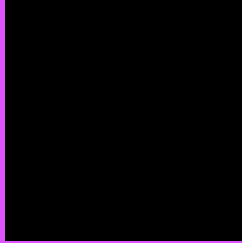
Any Text WCAG AA ✓ Pass

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, 84, 252 Background



This preview shows how black text looks on a background with the RGB color 221, 84, 252.

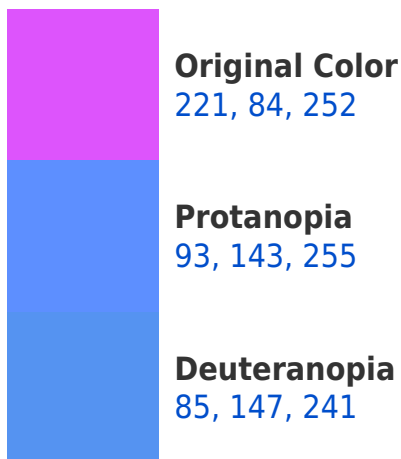


This preview shows how white text looks on a background with the RGB color 221, 84, 252.

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
205, 122, 131

Trichromacy



Original Color

221, 84, 252



Protanomaly

140, 122, 254



Deuteranomaly

134, 124, 245



Tritanomaly

211, 108, 175

Monochromacy



Original Color

221, 84, 252



Achromatopsia

144, 144, 144



Achromatomaly

172, 122, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 84, 252 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, 84, 252)` looks like.

```
.text, #text, p{  
    color:rgb(221, 84, 252)  
}
```

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, 84, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 84, 252) }
```

Border

The CSS property to change the border of an element to RGB 221, 84, 252 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, 84, 252) }
```

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

```
.border{ border-color:rgb(221, 84, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 84, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 84, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 84, 252);  
box-shadow:4px 4px 4px 4px rgb(221, 84,  
252) }
```

Background

The CSS property to change the background color of an element to RGB 221, 84, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 84, 252) }
```

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

```
.background{ background-color: rgb(221, 84,  
252) }
```

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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