

Converting Colors

RGB(221, 185, 254)

Have a look what the booklet for
RGB(221, 185, 254) contains.

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Color

RGB(221, 185, 254)

Conversions

Conversions Part 1

Format	Color
Hex	DDB9FE
RGB	221, 185, 254
RGB Percent	87%, 73%, 100%
CMY	0.1333, 0.2745, 0.0039
CMYK	0.13, 0.27, 0.00, 0.00
HSL	271°, 97%, 86%
HSV	271°, 27%, 100%
XYZ	65.0571, 57.2258, 101.3827
YIQ	203.6300, -0.6930, 29.0910

Conversions

Conversions Part 2

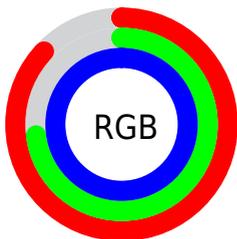
Format	Color
R _Y B	221, 185, 254
Decimal	14531070
CIE Lab	80.31, 25.53, -29.25
CIE LCh	80, 38.827, 311.114
Yxy	57.2258, 0.2909, 0.2559
Android (android.graphics.Color)	4292721150 (0xFFDDB9FE)
YUV	203.6300, 24.8324, 15.2335
Hunter-Lab	75.6478, 21.1266, -26.5067

Details

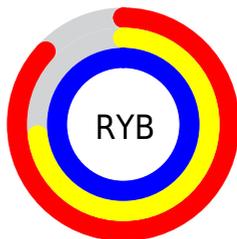
The RGB color **221, 185, 254** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **218, 254, 185**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **255, 241, 255**, and **165, 132, 197** is the 20% darker color. If you saturate the color by 10%, you get **209, 160, 254**, and if you desaturate by 10%, it is **233, 210, 254**.

Distribution



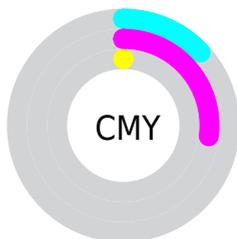
- Red (87%)
- Green (73%)
- Blue (100%)



- Red (87%)
- Yellow (73%)
- Blue (100%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 221, 185, 254 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, 185, 254 by changing the saturation by 10% instead.

 221, 185, 254

255, 255, 255

 255, 241, 255

 221, 185, 254

 193, 158, 225

 165, 132, 197

 138, 106, 170

 112, 82, 143

 87, 58, 117

 62, 36, 92

 39, 14, 68

 22, 0, 46

 0, 1, 24

■ 221, 185, 254

■ 221, 185, 254

■ 209, 160, 254

■ 233, 210, 254

■ 197, 134, 254

■ 245, 236, 254

■ 185, 109, 254

255, 255, 254

■ 172, 83, 254

■ 160, 58, 254

■ 148, 33, 254

■ 136, 7, 254

■ 133, 0, 254

Harmonies

Analogous

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



170, 198, 255



221, 185, 254



255, 174, 224

Triad

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



221, 185, 254



244, 189, 131



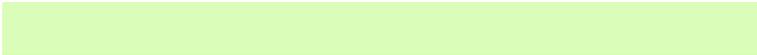
83, 219, 212

Complementary

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



221, 185, 254



218, 254, 185

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.



126, 217, 175



221, 185, 254



210, 201, 127

Square

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



221, 185, 254



255, 178, 153



170, 211, 143



69, 216, 246

Rectangle

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



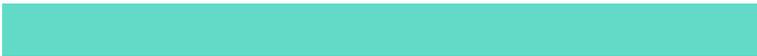
221, 185, 254



255, 171, 199



170, 211, 143



97, 219, 199

Sweetspot

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



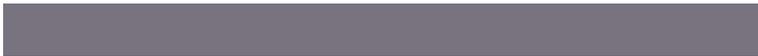
221, 185, 254



245, 235, 255



185, 218, 254



121, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



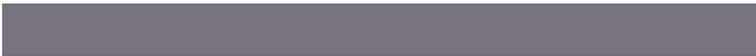
221, 185, 254



215, 171, 255



254, 185, 253



121, 115, 128



100, 0, 191



33, 0, 64

Inverse Universe

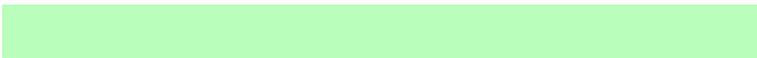
The Inverse Universe completely reimagines the original color for something new.



254, 185, 218



255, 171, 211



185, 254, 186



128, 115, 121



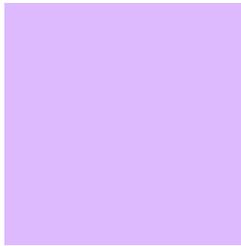
191, 0, 91



64, 0, 30

Previews

White Background



This preview shows how the RGB color 221, 185, 254 looks on a white background.

Color Contrast Check

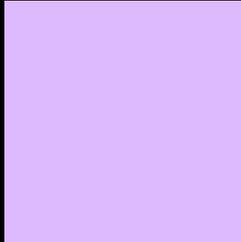
Large Text (above 18pt) WCAG AA × Fail

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, 185, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

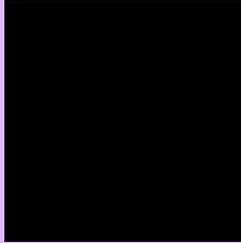
Any Text WCAG AA ✓ Pass

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, 185, 254 Background



This preview shows how black text looks on a background with the RGB color 221, 185, 254.

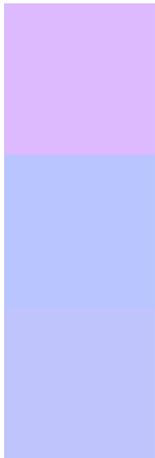


This preview shows how white text looks on a background with the RGB color 221, 185, 254.

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, 185, 254

Protanopia
184, 197, 255

Deuteranopia
191, 196, 252



Tritanopia
214, 194, 209

Trichromacy



Original Color

221, 185, 254



Protanomaly

197, 193, 255



Deuteranomaly

202, 192, 253



Tritanomaly

217, 191, 225

Monochromacy



Original Color

221, 185, 254



Achromatopsia

204, 204, 204



Achromatomaly

210, 197, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 221, 185, 254 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, 185, 254)` looks like.

```
.text, #text, p{  
    color:rgb(221, 185, 254)  
}
```

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, 185, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 185, 254) }
```

Border

The CSS property to change the border of an element to RGB 221, 185, 254 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, 185, 254) }
```

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

```
.border{ border-color:rgb(221, 185, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 185, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 185, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 185, 254);  
box-shadow:4px 4px 4px 4px rgb(221, 185,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 221, 185, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 185, 254) }
```

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

```
.background{ background-color: rgb(221,  
185, 254) }
```

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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