

Converting Colors

RGB(219, 147, 249)

Have a look what the booklet for
RGB(219, 147, 249) contains.

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Color

RGB(219, 147, 249)

Conversions

Conversions Part 1

Format	Color
Hex	DB93F9
RGB	219, 147, 249
RGB Percent	86%, 58%, 98%
CMY	0.1412, 0.4235, 0.0235
CMYK	0.12, 0.41, 0.00, 0.02
HSL	282°, 89%, 78%
HSV	282°, 41%, 98%
XYZ	56.7460, 42.7671, 94.8866
YIQ	180.1560, 10.1700, 46.9860

Conversions

Conversions Part 2

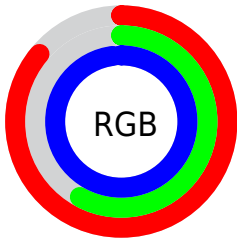
Format	Color
R_{YB}	219, 147, 249
Decimal	14390265
CIE _{Lab}	71.40, 44.31, -40.35
CIE _{LCh}	71, 59.930, 317.678
Yxy	42.7671, 0.2919, 0.2200
Android (android.graphics.Color)	4292580345 (0xFFDB93F9)
YUV	180.1560, 33.9401, 34.0662
Hunter-Lab	65.3965, 40.4445, -40.2488

Details

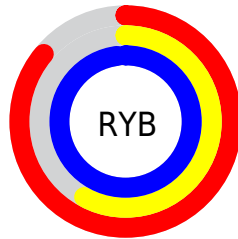
The RGB color **219, 147, 249** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **177, 249, 147**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 202, 255**, and **162, 94, 192** is the 20% darker color. If you saturate the color by 10%, you get **212, 122, 249**, and if you desaturate by 10%, it is **226, 172, 249**.

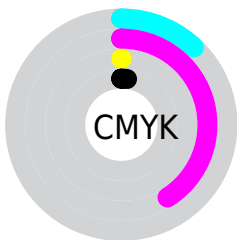
Distribution



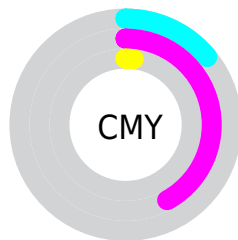
- Red (86%)
- Green (58%)
- Blue (98%)



- Red (86%)
- Yellow (58%)
- Blue (98%)



- Cyan (12%)
- Magenta (41%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (42%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RGB color 219, 147, 249 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 219, 147, 249 by changing the saturation by 10% instead.

 219, 147, 249

 219, 147, 249

255, 255, 255

 190, 120, 220

 255, 202, 255

 162, 94, 192

 255, 231, 255

 135, 69, 165

 108, 44, 138

 82, 17, 112

 56, 0, 87


 34, 0, 63

 0, 0, 40

 0, 1, 18

 219, 147, 249

 219, 147, 249

 212, 122, 249

 226, 172, 249

 204, 97, 249


 234, 197, 249

 197, 72, 249

 241, 222, 249

 190, 47, 249

 248, 247, 249

 182, 22, 249

 255, 255, 249

 176, 0, 249

Harmonies

Analogous

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



137, 169, 255



219, 147, 249



255, 129, 200

Triad

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



219, 147, 249



224, 164, 63



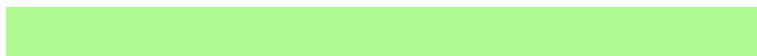
0, 202, 206

Complementary

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



219, 147, 249



177, 249, 147

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, 200, 150



219, 147, 249



174, 182, 63

Square

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



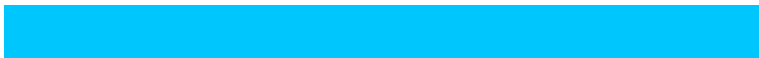
219, 147, 249



255, 143, 96



110, 194, 98



0, 198, 254

Rectangle

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



219, 147, 249



255, 126, 163



110, 194, 98



0, 202, 188

Sweetspot

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



219, 147, 249



246, 224, 255



147, 178, 249



122, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



219, 147, 249



218, 130, 255



249, 147, 229



121, 112, 125



133, 0, 189



43, 0, 61

Inverse Universe

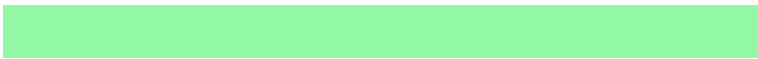
The Inverse Universe completely reimagines the original color for something new.



249, 147, 177



255, 130, 167



147, 249, 167



125, 112, 116



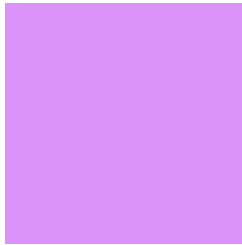
189, 0, 55



61, 0, 18

Previews

White Background



This preview shows how the RGB color 219, 147, 249 looks on a white background.

Color Contrast Check

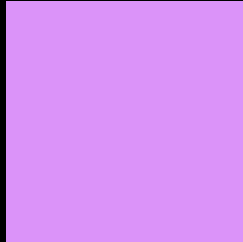
Large Text (above 18pt) WCAG AA × Fail

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 219, 147, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

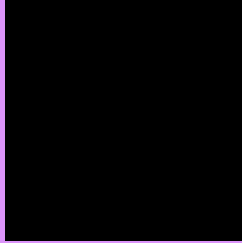
Any Text WCAG AA ✓ Pass

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 219, 147, 249 Background



This preview shows how black text looks on a background with the RGB color 219, 147, 249.



This preview shows how white text looks on a background with the RGB color 219, 147, 249.

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
219, 147, 249

Protanopia
147, 173, 255

Deuteranopia
152, 173, 244



Tritanopia
208, 163, 176

Trichromacy



Original Color

219, 147, 249



Protanomaly

173, 164, 253



Deuteranomaly

176, 164, 246



Tritanomaly

212, 157, 203

Monochromacy



Original Color

219, 147, 249



Achromatopsia

180, 180, 180



Achromatomaly

194, 168, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 147, 249 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(219, 147, 249)` looks like.

```
.text, #text, p{  
    color:rgb(219, 147, 249)  
}
```

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(219, 147, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 147, 249) }
```

Border

The CSS property to change the border of an element to RGB 219, 147, 249 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(219, 147, 249) }
```

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

```
.border{ border-color:rgb(219, 147, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 147, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 147, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 147, 249);  
box-shadow:4px 4px 4px 4px rgb(219, 147,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 219, 147, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 147, 249) }
```

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

```
.background{ background-color: rgb(219,  
147, 249) }
```

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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