

Converting Colors

RGB(218, 153, 251)

Have a look what the booklet for
RGB(218, 153, 251) contains.

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Color

RGB(218, 153, 251)

Conversions

Conversions Part 1

Format	Color
Hex	DA99FB
RGB	218, 153, 251
RGB Percent	85%, 60%, 98%
CMY	0.1451, 0.4000, 0.0157
CMYK	0.13, 0.39, 0.00, 0.02
HSL	280°, 92%, 79%
HSV	280°, 39%, 98%
XYZ	57.7173, 44.6529, 96.8436
YIQ	183.6070, 7.2820, 44.2580

Conversions

Conversions Part 2

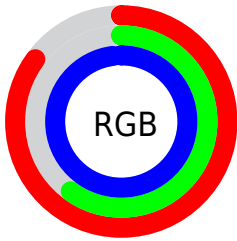
Format	Color
R _Y B	218, 153, 251
Decimal	14326267
CIE Lab	72.66, 41.24, -39.47
CIE LCh	73, 57.086, 316.256
Yxy	44.6529, 0.2897, 0.2241
Android (android.graphics.Color)	4292516347 (0xFFDA99FB)
YUV	183.6070, 33.2247, 30.1627
Hunter-Lab	66.8228, 37.2368, -39.1506

Details

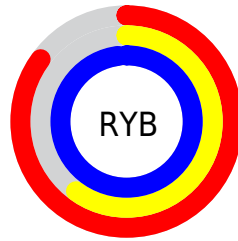
The RGB color **218, 153, 251** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **186, 251, 153**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 208, 255**, and **162, 100, 194** is the 20% darker color. If you saturate the color by 10%, you get **210, 128, 251**, and if you desaturate by 10%, it is **226, 178, 251**.

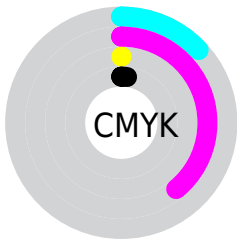
Distribution



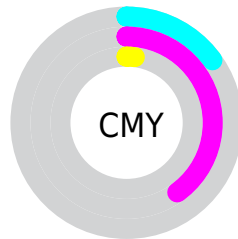
- Red (85%)
- Green (60%)
- Blue (98%)



- Red (85%)
- Yellow (60%)
- Blue (98%)



- Cyan (13%)
- Magenta (39%)
- Yellow (0%)
- Black (2%)




- Cyan (15%)
- Magenta (40%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RGB color 218, 153, 251 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 218, 153, 251 by changing the saturation by 10% instead.


 218, 153, 251

 218, 153, 251

255, 255, 255

 189, 126, 222

 255, 208, 255

 162, 100, 194

 255, 237, 255

 134, 75, 167

 108, 51, 140

 82, 25, 114

 56, 0, 89

 33, 0, 65

 0, 0, 42

 0, 1, 20

■ 218, 153, 251

■ 218, 153, 251

■ 210, 128, 251

■ 226, 178, 251

■ 201, 103, 251

■ 235, 203, 251

■ 193, 78, 251

■ 243, 228, 251

■ 184, 53, 251

■ 252, 253, 251

■ 176, 28, 251

■ 255, 255, 251

■ 167, 2, 251

■ 166, 0, 251

Harmonies

Analogous

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



140, 174, 255



218, 153, 251



255, 136, 205

Triad

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



218, 153, 251



228, 167, 74



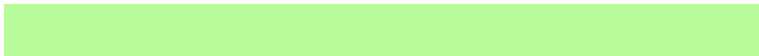
0, 204, 206

Complementary

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



218, 153, 251



186, 251, 153

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, 203, 152



218, 153, 251



181, 184, 72

Square

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



218, 153, 251



255, 147, 105



121, 196, 103



0, 201, 253

Rectangle

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



218, 153, 251



255, 132, 169



121, 196, 103



0, 204, 188

Sweetspot

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



218, 153, 251



245, 224, 255



153, 187, 251



121, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



218, 153, 251



215, 135, 255



251, 153, 236



121, 112, 125



125, 0, 189



41, 0, 61

Inverse Universe

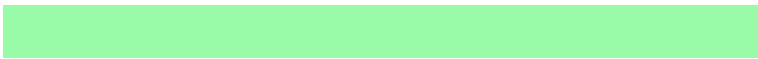
The Inverse Universe completely reimagines the original color for something new.



251, 153, 186



255, 135, 176



153, 251, 168



125, 112, 117



189, 0, 64



61, 0, 21

Previews

White Background



This preview shows how the RGB color 218, 153, 251 looks on a white background.

Color Contrast Check

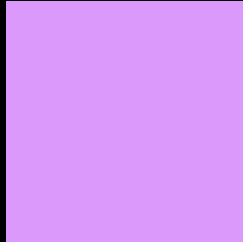
Large Text (above 18pt) WCAG AA × Fail

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 218, 153, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

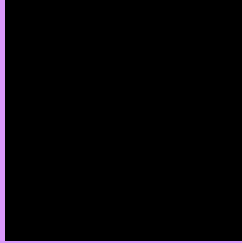
Any Text WCAG AA ✓ Pass

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 218, 153, 251 Background



This preview shows how black text looks on a background with the RGB color 218, 153, 251.



This preview shows how white text looks on a background with the RGB color 218, 153, 251.

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
218, 153, 251

Protanopia
153, 176, 255

Deuteranopia
157, 176, 246



Tritanopia
207, 168, 181

Trichromacy



Original Color

218, 153, 251



Protanomaly

177, 168, 254



Deuteranomaly

179, 168, 248



Tritanomaly

211, 163, 206

Monochromacy



Original Color

218, 153, 251



Achromatopsia

184, 184, 184



Achromatomaly

196, 173, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 153, 251 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(218, 153, 251) looks like.

```
.text, #text, p{  
    color:rgb(218, 153, 251)  
}
```

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(218, 153, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 153, 251) }
```

Border

The CSS property to change the border of an element to RGB 218, 153, 251 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(218, 153, 251) }
```

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

```
.border{ border-color:rgb(218, 153, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 153, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 153, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 153, 251);  
box-shadow:4px 4px 4px 4px rgb(218, 153,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 218, 153, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 153, 251) }
```

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

```
.background{ background-color: rgb(218,  
153, 251) }
```

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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