

Converting Colors

RGB(212, 152, 249)

Have a look what the booklet for
RGB(212, 152, 249) contains.

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Color

RGB(212, 152, 249)

Conversions

Conversions Part 1

Format	Color
Hex	D498F9
RGB	212, 152, 249
RGB Percent	83%, 60%, 98%
CMY	0.1686, 0.4039, 0.0235
CMYK	0.15, 0.39, 0.00, 0.02
HSL	277°, 89%, 79%
HSV	277°, 39%, 98%
XYZ	55.4785, 43.2931, 95.0549
YIQ	180.9980, 4.6230, 42.8870

Conversions

Conversions Part 2

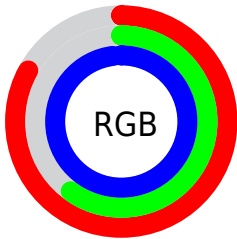
Format	Color
R _{YB}	212, 152, 249
Decimal	13932793
CIE _{Lab}	71.75, 39.61, -39.85
CIE _{LCh}	72, 56.188, 314.831
Y _{xy}	43.2931, 0.2862, 0.2234
Android (android.graphics.Color)	4292122873 (0xFFD498F9)
YUV	180.9980, 33.5250, 27.1888
Hunter-Lab	65.7975, 35.3604, -39.5956

Details

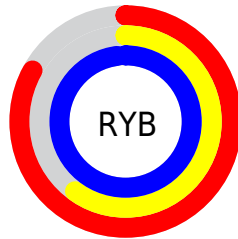
The RGB color **212, 152, 249** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **189, 249, 152**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **255, 207, 255**, and **156, 100, 192** is the 20% darker color. If you saturate the color by 10%, you get **203, 127, 249**, and if you desaturate by 10%, it is **221, 177, 249**.

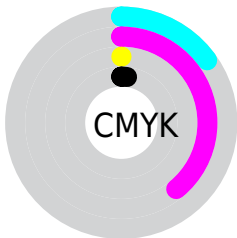
Distribution



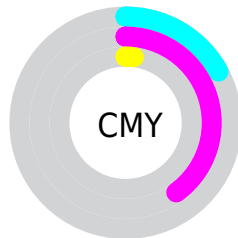
- Red (83%)
- Green (60%)
- Blue (98%)



- Red (83%)
- Yellow (60%)
- Blue (98%)



- Cyan (15%)
- Magenta (39%)
- Yellow (0%)
- Black (2%)




- Cyan (17%)
- Magenta (40%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 152, 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 212, 152, 249 by changing the saturation by 10% instead.


 212, 152, 249

255, 255, 255

 255, 207, 255

 255, 236, 255

 212, 152, 249


 184, 125, 220

 156, 100, 192

 129, 75, 165

 102, 50, 138

 76, 26, 112

 51, 0, 87

 28, 0, 64

 0, 0, 41

 0, 1, 18

■ 212, 152, 249

■ 212, 152, 249

■ 203, 127, 249

■ 221, 177, 249

■ 193, 102, 249

■ 231, 202, 249

■ 184, 77, 249

■ 240, 227, 249

■ 174, 52, 249

■ 250, 252, 249

■ 165, 27, 249

■ 255, 255, 249

■ 155, 3, 249

■ 154, 0, 249

Harmonies

Analogous

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



133, 173, 255



212, 152, 249



255, 135, 204

Triad

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



212, 152, 249



227, 164, 74



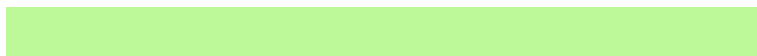
0, 202, 200

Complementary

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



212, 152, 249



189, 249, 152

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, 147



212, 152, 249



181, 181, 71

Square

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



212, 152, 249



255, 145, 106



123, 193, 100



0, 198, 247

Rectangle

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



212, 152, 249



255, 131, 169



123, 193, 100



0, 201, 183

Sweetspot

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



212, 152, 249



243, 224, 255



152, 189, 249



121, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



212, 152, 249



209, 135, 255



249, 152, 238



120, 112, 125



117, 0, 189



38, 0, 61

Inverse Universe

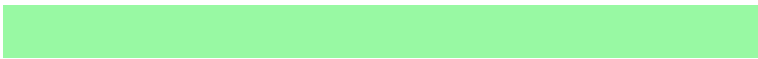
The Inverse Universe completely reimagines the original color for something new.



249, 152, 189



255, 135, 181



152, 249, 163



125, 112, 117



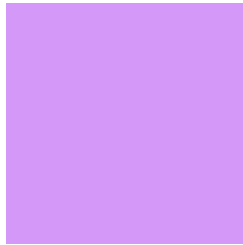
189, 0, 72



61, 0, 23

Previews

White Background



This preview shows how the RGB color 212, 152, 249 looks on a white background.

Color Contrast Check

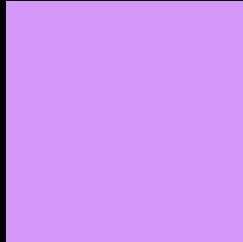
Large Text (above 18pt) WCAG AA × Fail

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 212, 152, 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 212, 152, 249 Background



This preview shows how black text looks on a background with the RGB color 212, 152, 249.



This preview shows how white text looks on a background with the RGB color 212, 152, 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
212, 152, 249

Protanopia
149, 173, 255

Deuteranopia
153, 174, 245



Tritanopia
201, 167, 180

Trichromacy



Original Color

212, 152, 249



Protanomaly

172, 165, 253



Deuteranomaly

174, 166, 246



Tritanomaly

205, 162, 205

Monochromacy



Original Color

212, 152, 249



Achromatopsia

181, 181, 181



Achromatomaly

192, 170, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 152, 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(212, 152, 249)` looks like.

```
.text, #text, p{  
    color:rgb(212, 152, 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(212, 152, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 152, 249) }
```

Border

The CSS property to change the border of an element to RGB 212, 152, 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(212, 152, 249) }
```

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

```
.border{ border-color:rgb(212, 152, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 152, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 152, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 152, 249);  
box-shadow:4px 4px 4px 4px rgb(212, 152,  
249) }
```

Background

The CSS property to change the background color of an element to RGB 212, 152, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 152, 249) }
```

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

```
.background{ background-color: rgb(212,  
152, 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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