

Converting Colors

RGB(213, 153, 232)

Have a look what the booklet for
RGB(213, 153, 232) contains.

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Color

RGB(213, 153, 232)

Conversions

Conversions Part 1

Format	Color
Hex	D599E8
RGB	213, 153, 232
RGB Percent	84%, 60%, 91%
CMY	0.1647, 0.4000, 0.0902
CMYK	0.08, 0.34, 0.00, 0.09
HSL	286°, 63%, 75%
HSV	286°, 34%, 91%
XYZ	53.3973, 42.7548, 81.7821
YIQ	179.9460, 10.4010, 37.2890

Conversions

Conversions Part 2

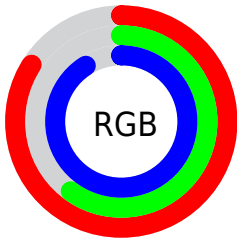
Format	Color
R _Y B	213, 153, 232
Decimal	13998568
CIE Lab	71.39, 35.90, -31.13
CIE LCh	71, 47.515, 319.066
Yxy	42.7548, 0.3001, 0.2403
Android (android.graphics.Color)	4292188648 (0xFFD599E8)
YUV	179.9460, 25.6626, 28.9884
Hunter-Lab	65.3872, 31.3414, -28.3852

Details

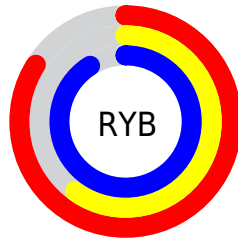
The RGB color **213, 153, 232** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **172, 232, 153**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 208, 255**, and **157, 101, 176** is the 20% darker color. If you saturate the color by 10%, you get **207, 130, 232**, and if you desaturate by 10%, it is **219, 176, 232**.

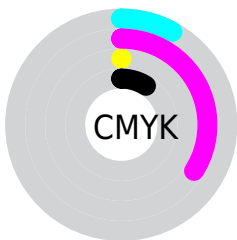
Distribution



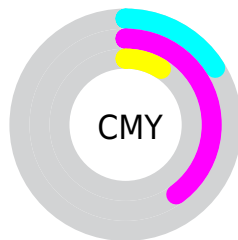
- Red (84%)
- Green (60%)
- Blue (91%)



- Red (84%)
- Yellow (60%)
- Blue (91%)



- Cyan (8%)
- Magenta (34%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 153, 232 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 213, 153, 232 by changing the saturation by 10% instead.


 213, 153, 232

 213, 153, 232


255, 255, 255


 185, 127, 204

 255, 208, 255

 157, 101, 176

 255, 237, 255

 130, 76, 149

 104, 52, 123

 79, 28, 98

 54, 2, 74

 34, 0, 51

 0, 2, 29

 0, 0, 0

■ 213, 153, 232

■ 213, 153, 232

■ 207, 130, 232

■ 219, 176, 232

■ 202, 107, 232

■ 224, 199, 232

■ 196, 83, 232

■ 230, 223, 232

■ 191, 60, 232

■ 235, 246, 232

■ 185, 37, 232

■ 241, 255, 232

■ 180, 14, 232

■ 246, 255, 232

■ 176, 0, 232

■ 252, 255, 232

■ 255, 255, 232

Harmonies

Analogous

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



154, 170, 255



213, 153, 232



248, 141, 193

Triad

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



213, 153, 232



215, 167, 89



0, 197, 202

Complementary

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



213, 153, 232



172, 232, 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.



53, 196, 157



213, 153, 232



174, 181, 90

Square

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



213, 153, 232



245, 151, 111



124, 191, 116



0, 193, 239

Rectangle

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



213, 153, 232



255, 139, 163



124, 191, 116



0, 197, 187

Sweetspot

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



213, 153, 232



249, 230, 255



153, 173, 232



124, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 153, 232



230, 150, 255



232, 153, 212



112, 103, 115



136, 0, 179



39, 0, 51

Inverse Universe

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



232, 153, 172



255, 150, 176



153, 232, 173



115, 103, 106



179, 0, 43



51, 0, 12

Previews

White Background



This preview shows how the RGB color 213, 153, 232 looks on a white background.

Color Contrast Check

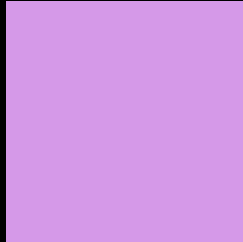
Large Text (above 18pt) WCAG AA × Fail

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 213, 153, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

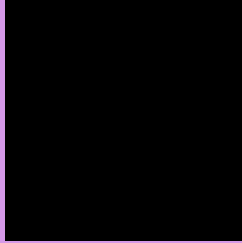
Any Text WCAG AA ✓ Pass

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 213, 153, 232 Background



This preview shows how black text looks on a background with the RGB color 213, 153, 232.

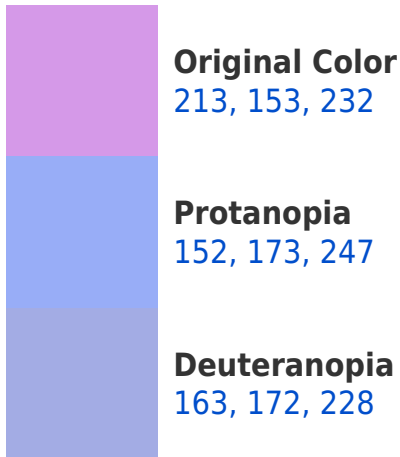



This preview shows how white text looks on a background with the RGB color 213, 153, 232.

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, 164, 177

Trichromacy



Original Color
213, 153, 232



Protanomaly
174, 166, 242



Deuteranomaly
181, 165, 229



Tritanomaly
208, 160, 197

Monochromacy



Original Color
213, 153, 232



Achromatopsia
180, 180, 180



Achromatomaly
192, 170, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 153, 232 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(213, 153, 232) looks like.

```
.text, #text, p{  
    color:rgb(213, 153, 232)  
}
```

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(213, 153, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 153, 232) }
```

Border

The CSS property to change the border of an element to RGB 213, 153, 232 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(213, 153, 232) }
```

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

```
.border{ border-color:rgb(213, 153, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 153, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 153, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 153, 232);  
box-shadow:4px 4px 4px 4px rgb(213, 153,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 213, 153, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 153, 232) }
```

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

```
.background{ background-color: rgb(213,  
153, 232) }
```

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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