

Converting Colors

RGB(213, 146, 239)

Have a look what the booklet for
RGB(213, 146, 239) contains.

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Color

RGB(213, 146, 239)

Conversions

Conversions Part 1

Format	Color
Hex	D592EF
RGB	213, 146, 239
RGB Percent	84%, 57%, 94%
CMY	0.1647, 0.4275, 0.0627
CMYK	0.11, 0.39, 0.00, 0.06
HSL	283°, 74%, 75%
HSV	283°, 39%, 94%
XYZ	53.2994, 40.9359, 86.7536
YIQ	176.6350, 10.0790, 43.1270

Conversions

Conversions Part 2

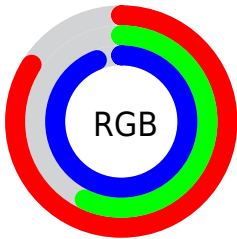
Format	Color
R _Y B	213, 146, 239
Decimal	13996783
CIE Lab	70.13, 41.06, -36.91
CIE LCh	70, 55.214, 318.048
Yxy	40.9359, 0.2945, 0.2262
Android (android.graphics.Color)	4292186863 (0xFFD592EF)
YUV	176.6350, 30.7459, 31.8921
Hunter-Lab	63.9812, 36.7322, -35.6059

Details

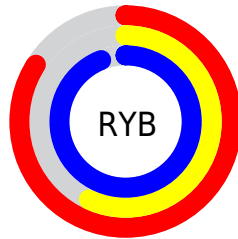
The RGB color **213, 146, 239** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **172, 239, 146**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 201, 255**, and **157, 94, 183** is the 20% darker color. If you saturate the color by 10%, you get **206, 122, 239**, and if you desaturate by 10%, it is **220, 170, 239**.

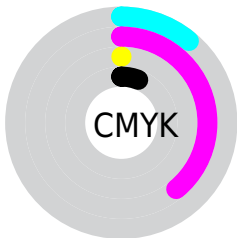
Distribution



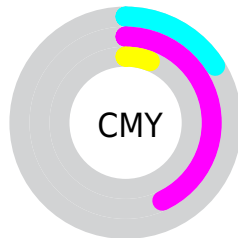
- Red (84%)
- Green (57%)
- Blue (94%)



- Red (84%)
- Yellow (57%)
- Blue (94%)



- Cyan (11%)
- Magenta (39%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (43%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 146, 239 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, 146, 239 by changing the saturation by 10% instead.

 213, 146, 239

 213, 146, 239

255, 255, 255


 185, 120, 210

 255, 201, 255

 157, 94, 183

 255, 229, 255

 130, 69, 156

 103, 44, 129

 77, 18, 104

 52, 0, 79


 32, 0, 56


 0, 2, 33


 0, 0, 6


 213, 146, 239

 213, 146, 239

 206, 122, 239


 220, 170, 239

 200, 98, 239


 226, 194, 239

 193, 74, 239

 233, 218, 239

 186, 50, 239

 240, 242, 239

 180, 27, 239

 246, 255, 239

 173, 3, 239

 253, 255, 239

 172, 0, 239

 255, 255, 239

Harmonies

Analogous

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



140, 166, 255



213, 146, 239



254, 130, 194

Triad

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



213, 146, 239



217, 162, 70



0, 196, 201

Complementary

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



213, 146, 239



172, 239, 146

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, 195, 149



213, 146, 239



171, 178, 71

Square

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



213, 146, 239



251, 143, 99



112, 189, 102



0, 193, 245

Rectangle

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



213, 146, 239



255, 128, 160



112, 189, 102



0, 197, 184

Sweetspot

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



213, 146, 239



246, 224, 255



146, 172, 239



123, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 146, 239



221, 135, 255



239, 146, 219



116, 108, 120



132, 0, 184



40, 0, 56

Inverse Universe

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



239, 146, 172



255, 135, 169



146, 239, 166



120, 108, 111



184, 0, 51



56, 0, 16

Previews

White Background



This preview shows how the RGB color 213, 146, 239 looks on a white background.

Color Contrast Check

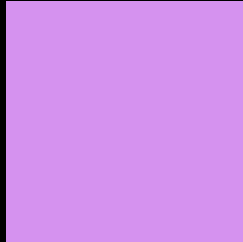
Large Text (above 18pt) WCAG AA × Fail

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, 146, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

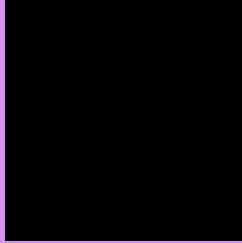
Any Text WCAG AA ✓ Pass

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, 146, 239 Background



This preview shows how black text looks on a background with the RGB color 213, 146, 239.

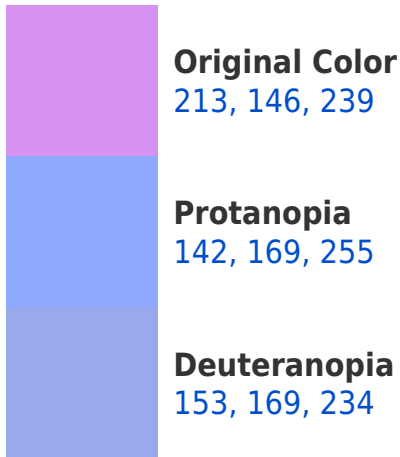



This preview shows how white text looks on a background with the RGB color 213, 146, 239.

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](#).

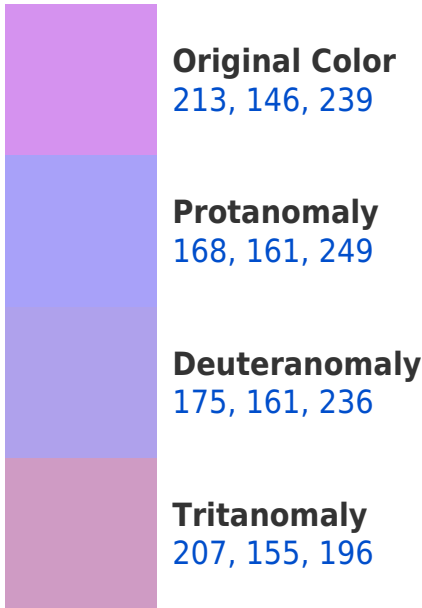
Dichromacy



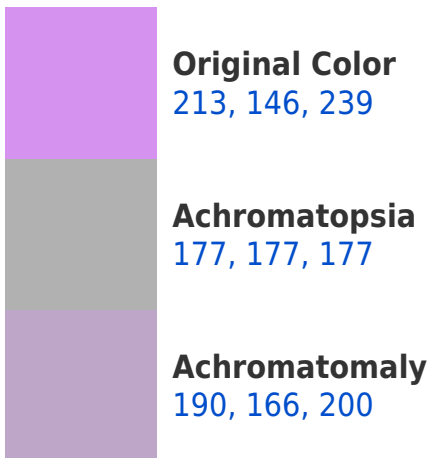


Tritanopia
203, 160, 172

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 146, 239 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, 146, 239)` looks like.

```
.text, #text, p{  
    color:rgb(213, 146, 239)  
}
```

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, 146, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 146, 239) }
```

Border

The CSS property to change the border of an element to RGB 213, 146, 239 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, 146, 239) }
```

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

```
.border{ border-color:rgb(213, 146, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 146, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 146, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 146, 239);  
box-shadow:4px 4px 4px 4px rgb(213, 146,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 213, 146, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 146, 239) }
```

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

```
.background{ background-color: rgb(213,  
146, 239) }
```

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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