

Converting Colors

RGB(213, 136, 225)

Have a look what the booklet for
RGB(213, 136, 225) contains.

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Color

RGB(213, 136, 225)

Conversions

Conversions Part 1

Format	Color
Hex	D588E1
RGB	213, 136, 225
RGB Percent	84%, 53%, 88%
CMY	0.1647, 0.4667, 0.1176
CMYK	0.05, 0.40, 0.00, 0.12
HSL	292°, 60%, 71%
HSV	292°, 40%, 88%
XYZ	49.8353, 37.1907, 75.7861
YIQ	169.1690, 17.3230, 44.0030

Conversions

Conversions Part 2

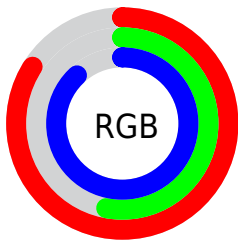
Format	Color
RYB	213, 136, 225
Decimal	13994209
CIELab	67.42, 43.62, -33.42
CIELCh	67, 54.946, 322.541
Yxy	37.1907, 0.3061, 0.2284
Android (android.graphics.Color)	4292184289 (0xFFD588E1)
YUV	169.1690, 27.5247, 38.4398
Hunter-Lab	60.9842, 39.1452, -30.9918

Details

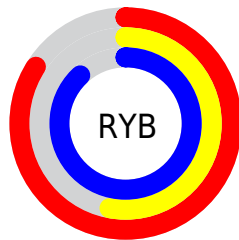
The RGB color **213, 136, 225** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **148, 225, 136**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **255, 191, 255**, and **157, 84, 169** is the 20% darker color. If you saturate the color by 10%, you get **210, 114, 225**, and if you desaturate by 10%, it is **216, 159, 225**.

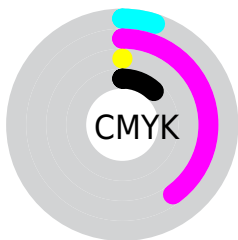
Distribution



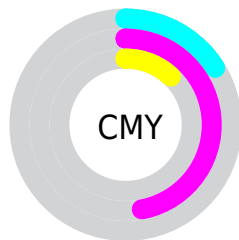
- Red (84%)
- Green (53%)
- Blue (88%)



- Red (84%)
- Yellow (53%)
- Blue (88%)



- Cyan (5%)
- Magenta (40%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (47%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 136, 225 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, 136, 225 by changing the saturation by 10% instead.

 213, 136, 225

255, 255, 255

 255, 191, 255

 255, 219, 255


 255, 248, 255

 213, 136, 225

 185, 110, 197


 157, 84, 169

 130, 59, 143

 103, 33, 117

 77, 1, 92

 52, 0, 68


 31, 0, 45

 0, 1, 23

 0, 0, 0

 213, 136, 225


 213, 136, 225

 210, 114, 225


 216, 159, 225

 207, 91, 225


 219, 181, 225

 204, 68, 225

 222, 203, 225

 201, 46, 225

 225, 226, 225

 198, 24, 225

 228, 248, 225

 195, 1, 225

 231, 255, 225

 195, 0, 225

 234, 255, 225

 237, 255, 225

 240, 255, 225

Harmonies

Analogous

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



146, 156, 255



213, 136, 225



249, 122, 179

Triad

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



213, 136, 225



203, 157, 62



0, 189, 201

Complementary

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



213, 136, 225



148, 225, 136

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, 188, 150



213, 136, 225



155, 173, 67

Square

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



213, 136, 225



238, 139, 87



95, 183, 101



0, 184, 242

Rectangle

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



213, 136, 225



255, 121, 145



95, 183, 101



0, 189, 184

Sweetspot

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



213, 136, 225



251, 224, 255



136, 149, 225



125, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 136, 225



239, 135, 255



225, 136, 194



111, 101, 112



152, 0, 176



42, 0, 48

Inverse Universe

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



225, 136, 148



255, 135, 151



136, 225, 167



112, 101, 102



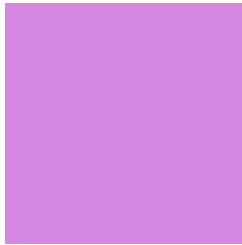
176, 0, 24



48, 0, 7

Previews

White Background



This preview shows how the RGB color 213, 136, 225 looks on a white background.

Color Contrast Check

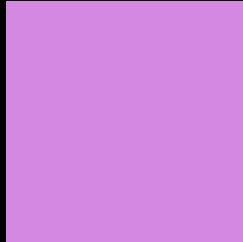
Large Text (above 18pt) WCAG AA × Fail

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, 136, 225 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, 136, 225 Background



This preview shows how black text looks on a background with the RGB color 213, 136, 225.

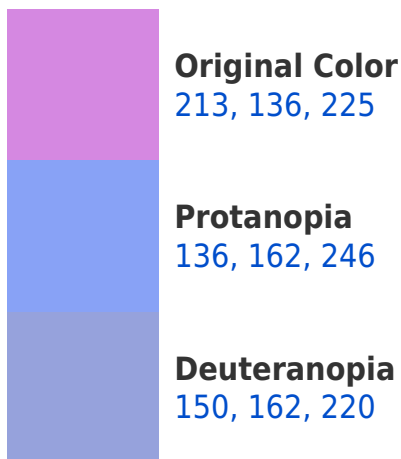


This preview shows how white text looks on a background with the RGB color 213, 136, 225.

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
204, 150, 161

Trichromacy



Original Color

213, 136, 225



Protanomaly

164, 153, 238



Deuteranomaly

173, 153, 222



Tritanomaly

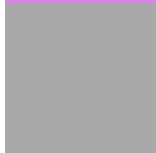
207, 145, 184

Monochromacy



Original Color

213, 136, 225



Achromatopsia

169, 169, 169



Achromatomaly

185, 157, 189

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 136, 225 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, 136, 225) looks like.

```
.text, #text, p{  
    color:rgb(213, 136, 225)  
}
```

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, 136, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 136, 225) }
```

Border

The CSS property to change the border of an element to RGB 213, 136, 225 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, 136, 225) }
```

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

```
.border{ border-color:rgb(213, 136, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 136, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 136, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 136, 225);  
box-shadow:4px 4px 4px 4px rgb(213, 136,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 213, 136, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 136, 225) }
```

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

```
.background{ background-color: rgb(213,  
136, 225) }
```

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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