

Converting Colors

RGB(209, 136, 228)

Have a look what the booklet for
RGB(209, 136, 228) contains.

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Color

RGB(209, 136, 228)

Conversions

Conversions Part 1

Format	Color
Hex	D188E4
RGB	209, 136, 228
RGB Percent	82%, 53%, 89%
CMY	0.1804, 0.4667, 0.1059
CMYK	0.08, 0.40, 0.00, 0.11
HSL	288°, 63%, 71%
HSV	288°, 40%, 89%
XYZ	49.1022, 36.7651, 77.9072
YIQ	168.3150, 13.9760, 44.0880

Conversions

Conversions Part 2

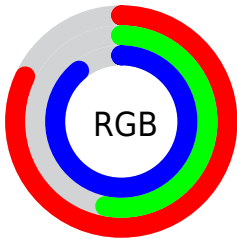
Format	Color
R _Y B	209, 136, 228
Decimal	13732068
CIE Lab	67.10, 43.01, -35.61
CIE LCh	67, 55.833, 320.377
Yxy	36.7651, 0.2998, 0.2245
Android (android.graphics.Color)	4291922148 (0xFFD188E4)
YUV	168.3150, 29.4247, 35.6807
Hunter-Lab	60.6342, 38.4414, -33.7361

Details

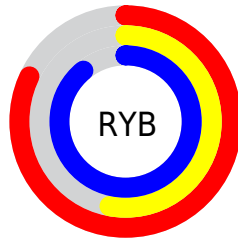
The RGB color **209, 136, 228** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **155, 228, 136**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **255, 191, 255**, and **153, 84, 172** is the 20% darker color. If you saturate the color by 10%, you get **204, 113, 228**, and if you desaturate by 10%, it is **214, 159, 228**.

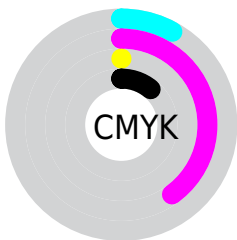
Distribution



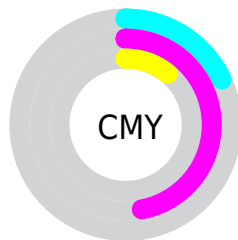
- Red (82%)
- Green (53%)
- Blue (89%)



- Red (82%)
- Yellow (53%)
- Blue (89%)



- Cyan (8%)
- Magenta (40%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 209, 136, 228 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 209, 136, 228 by changing the saturation by 10% instead.

 209, 136, 228

 209, 136, 228

255, 255, 255

 181, 110, 200

 255, 191, 255

 153, 84, 172

 255, 219, 255

 126, 59, 145

 255, 248, 255

 99, 33, 119

 74, 3, 94

 49, 0, 70


 27, 0, 47

 0, 1, 25


 0, 0, 0


 209, 136, 228


 209, 136, 228

 204, 113, 228

 214, 159, 228

 200, 90, 228


 218, 182, 228

 195, 68, 228

 223, 204, 228

 190, 45, 228

 228, 227, 228

 185, 22, 228

 233, 250, 228

 181, 0, 228

 237, 255, 228

 242, 255, 228

 247, 255, 228

 251, 255, 228

Harmonies

Analogous

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



138, 157, 255



209, 136, 228



247, 121, 182

Triad

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



209, 136, 228



205, 155, 60



0, 188, 197

Complementary

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



209, 136, 228



155, 228, 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, 187, 145



209, 136, 228



158, 171, 63

Square

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



209, 136, 228



240, 136, 87



98, 182, 96



0, 184, 240

Rectangle

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



209, 136, 228



255, 119, 148



98, 182, 96



0, 188, 180

Sweetspot

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



209, 136, 228



249, 224, 255



136, 156, 228



124, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



209, 136, 228



230, 133, 255



228, 136, 202



112, 103, 115



142, 0, 179



40, 0, 51

Inverse Universe

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



228, 136, 155



255, 133, 158



136, 228, 162



115, 103, 106



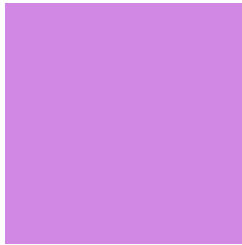
179, 0, 37



51, 0, 11

Previews

White Background



This preview shows how the RGB color 209, 136, 228 looks on a white background.

Color Contrast Check

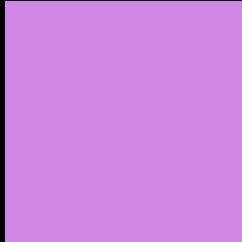
Large Text (above 18pt) WCAG AA × Fail

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 209, 136, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

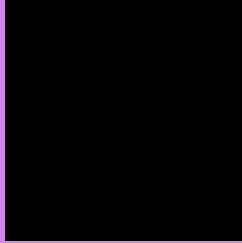
Any Text WCAG AA ✓ Pass

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 209, 136, 228 Background



This preview shows how black text looks on a background with the RGB color 209, 136, 228.

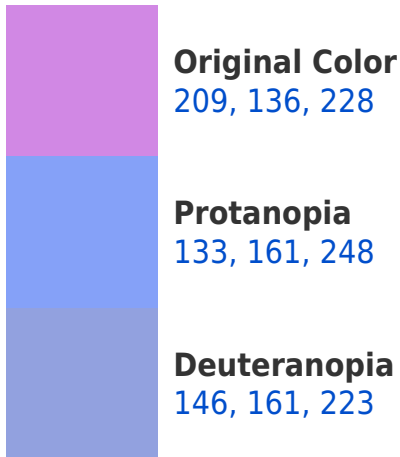



This preview shows how white text looks on a background with the RGB color 209, 136, 228.

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
200, 150, 162

Trichromacy



Original Color

209, 136, 228



Protanomaly

161, 152, 241



Deuteranomaly

169, 152, 225



Tritanomaly

203, 145, 186

Monochromacy



Original Color

209, 136, 228



Achromatopsia

168, 168, 168



Achromatomaly

183, 156, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 209, 136, 228 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(209, 136, 228)` looks like.

```
.text, #text, p{  
    color:rgb(209, 136, 228)  
}
```

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(209, 136, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 136, 228) }
```

Border

The CSS property to change the border of an element to RGB 209, 136, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

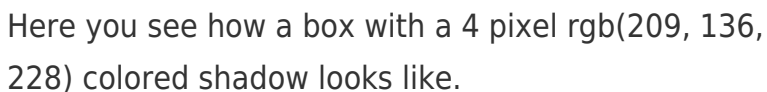
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 136, 228) }
```

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

```
.border{ border-color:rgb(209, 136, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 136, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 136, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 136, 228); box-shadow:4px 4px 4px 4px rgb(209, 136, 228) }
```

Background

The CSS property to change the background color of an element to RGB 209, 136, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 136, 228) }
```

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

```
.background{ background-color: rgb(209,  
136, 228) }
```

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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