

Converting Colors

RGB(210, 135, 228)

Have a look what the booklet for
RGB(210, 135, 228) contains.

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Color

RGB(210, 135, 228)

Conversions

Conversions Part 1

Format	Color
Hex	D287E4
RGB	210, 135, 228
RGB Percent	82%, 53%, 89%
CMY	0.1765, 0.4706, 0.1059
CMYK	0.08, 0.41, 0.00, 0.11
HSL	288°, 63%, 71%
HSV	288°, 41%, 89%
XYZ	49.2459, 36.6310, 77.8737
YIQ	168.0270, 14.8470, 44.8230

Conversions

Conversions Part 2

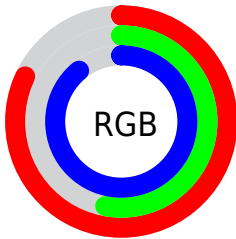
Format	Color
R _Y B	210, 135, 228
Decimal	13797348
CIE Lab	67.00, 43.83, -35.76
CIE LCh	67, 56.566, 320.795
Yxy	36.6310, 0.3007, 0.2237
Android (android.graphics.Color)	4291987428 (0xFFD287E4)
YUV	168.0270, 29.5667, 36.8103
Hunter-Lab	60.5236, 39.3230, -33.9201

Details

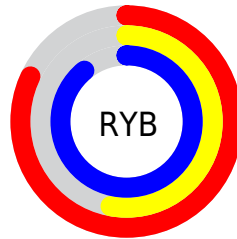
The RGB color **210, 135, 228** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **153, 228, 135**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **255, 190, 255**, and **154, 83, 172** is the 20% darker color. If you saturate the color by 10%, you get **206, 112, 228**, and if you desaturate by 10%, it is **214, 158, 228**.

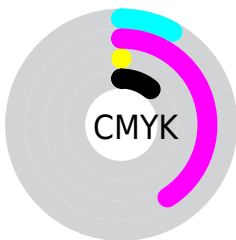
Distribution



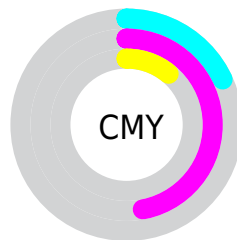
- Red (82%)
- Green (53%)
- Blue (89%)



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



- Cyan (8%)
- Magenta (41%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 135, 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 210, 135, 228 by changing the saturation by 10% instead.

 210, 135, 228

 210, 135, 228

255, 255, 255

 182, 109, 200


 255, 190, 255

 154, 83, 172

 255, 218, 255

 127, 58, 145

 255, 247, 255

 100, 32, 119

 74, 1, 94


 49, 0, 70


 27, 0, 47


 0, 1, 25


 0, 0, 0

 210, 135, 228

 210, 135, 228

 206, 112, 228


 214, 158, 228

 201, 89, 228

 219, 181, 228

 197, 67, 228

 223, 203, 228

 192, 44, 228

 228, 226, 228

 188, 21, 228

 232, 249, 228

 184, 0, 228

 236, 255, 228

 241, 255, 228

 245, 255, 228

 250, 255, 228

Harmonies

Analogous

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



138, 156, 255



210, 135, 228



248, 119, 181

Triad

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



210, 135, 228



205, 155, 58



0, 188, 198

Complementary

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



210, 135, 228



153, 228, 135

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



210, 135, 228



157, 171, 61

Square

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



210, 135, 228



240, 135, 85



95, 182, 96



0, 184, 241

Rectangle

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



210, 135, 228



255, 118, 147



95, 182, 96



0, 188, 181

Sweetspot

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



210, 135, 228



249, 224, 255



135, 154, 228



124, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



210, 135, 228



231, 130, 255



228, 135, 200



113, 103, 115



144, 0, 179



41, 0, 51

Inverse Universe

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



228, 135, 153



255, 130, 154



135, 228, 163



115, 103, 105



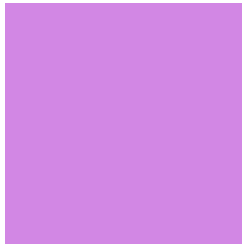
179, 0, 35



51, 0, 10

Previews

White Background



This preview shows how the RGB color 210, 135, 228 looks on a white background.

Color Contrast Check

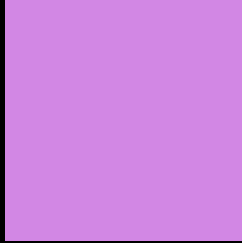
Large Text (above 18pt) WCAG AA × Fail

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 210, 135, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

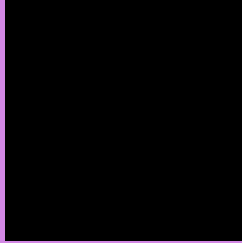
Any Text WCAG AA ✓ Pass

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 210, 135, 228 Background



This preview shows how black text looks on a background with the RGB color 210, 135, 228.

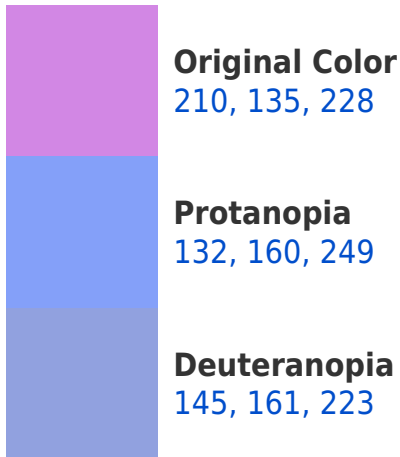


This preview shows how white text looks on a background with the RGB color 210, 135, 228.

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, 149, 161

Trichromacy



Original Color

210, 135, 228



Protanomaly

160, 151, 241



Deuteranomaly

169, 152, 225



Tritanomaly

204, 144, 185

Monochromacy



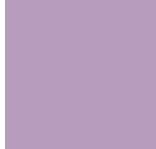
Original Color

210, 135, 228



Achromatopsia

168, 168, 168



Achromatomaly

183, 156, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 135, 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(210, 135, 228)` looks like.

```
.text, #text, p{  
    color:rgb(210, 135, 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(210, 135, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 135, 228) }
```

Border

The CSS property to change the border of an element to RGB 210, 135, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

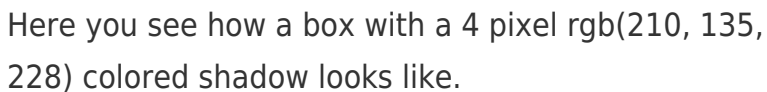
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 135, 228) }
```

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

```
.border{ border-color:rgb(210, 135, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 135, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 135, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 135, 228); box-shadow:4px 4px 4px 4px rgb(210, 135, 228) }
```

Background

The CSS property to change the background color of an element to RGB 210, 135, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 135, 228) }
```

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

```
.background{ background-color: rgb(210,  
135, 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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