

Converting Colors

RGB(215, 180, 228)

Have a look what the booklet for
RGB(215, 180, 228) contains.

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Color

RGB(215, 180, 228)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D7B4E4 |
| RGB | 215, 180, 228 |
| RGB Percent | 84%, 71%, 89% |
| CMY | 0.1569, 0.2941, 0.1059 |
| CMYK | 0.06, 0.21, 0.00, 0.11 |
| HSL | 284°, 47%, 80% |
| HSV | 284°, 21%, 89% |
| XYZ | 58.3492, 52.6910, 80.4938 |
| YIQ | 195.9370, 5.4520, 22.3480 |

Conversions

Conversions Part 2

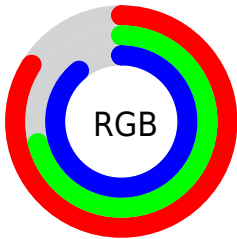
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 215, 180, 228 |
| Decimal | 14136548 |
| CIE Lab | 77.69, 21.10, -19.30 |
| CIE LCh | 78, 28.599, 317.549 |
| Yxy | 52.6910, 0.3046, 0.2751 |
| Android (android.graphics.Color) | 4292326628 (0xFFD7B4E4) |
| YUV | 195.9370, 15.8071, 16.7183 |
| Hunter-Lab | 72.5886, 16.4544, -14.9350 |

Details

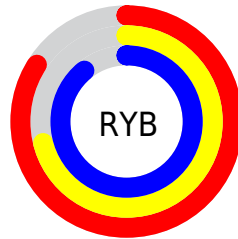
The RGB color **215, 180, 228** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **193, 228, 180**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 236, 255**, and **160, 127, 172** is the 20% darker color. If you saturate the color by 10%, you get **209, 157, 228**, and if you desaturate by 10%, it is **221, 203, 228**.

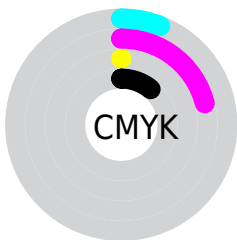
Distribution



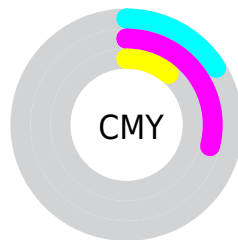
- Red (84%)
- Green (71%)
- Blue (89%)



- Red (84%)
- Yellow (71%)
- Blue (89%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 180, 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 215, 180, 228 by changing the saturation by 10% instead.

 215, 180, 228

255, 255, 255

 255, 236, 255

 215, 180, 228

 187, 153, 200

 160, 127, 172

 133, 102, 146

 108, 78, 120

 83, 54, 95

 59, 32, 71


 37, 11, 49


 11, 0, 28

 0, 0, 0

 215, 180, 228

 215, 180, 228

 209, 157, 228


 221, 203, 228

 203, 134, 228

 227, 226, 228

 196, 112, 228

 234, 248, 228

 190, 89, 228

 240, 255, 228

 184, 66, 228

 246, 255, 228

 178, 43, 228

 252, 255, 228

 172, 20, 228

 255, 255, 228

 166, 0, 228

Harmonies

Analogous

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



181, 189, 242



215, 180, 228



238, 174, 204

Triad

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



215, 180, 228



221, 187, 141



115, 207, 207

Complementary

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



215, 180, 228



193, 228, 180

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.



136, 206, 180



215, 180, 228



195, 195, 141

Square

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



215, 180, 228



240, 178, 154



165, 202, 156



117, 204, 230

Rectangle

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



215, 180, 228



245, 173, 186



165, 202, 156



120, 207, 198

Sweetspot

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



215, 180, 228



251, 240, 255



180, 194, 228



125, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



215, 180, 228



238, 191, 255



228, 180, 218



112, 103, 115



130, 0, 179



37, 0, 51

Inverse Universe

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



228, 180, 193



255, 191, 209



180, 228, 190



115, 103, 106



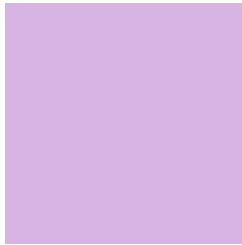
179, 0, 48



51, 0, 14

Previews

White Background



This preview shows how the RGB color 215, 180, 228 looks on a white background.

Color Contrast Check

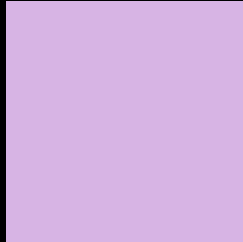
Large Text (above 18pt) WCAG AA × Fail

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 215, 180, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

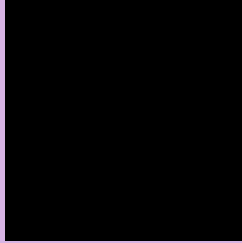
Any Text WCAG AA ✓ Pass

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 215, 180, 228 Background



This preview shows how black text looks on a background with the RGB color 215, 180, 228.



This preview shows how white text looks on a background with the RGB color 215, 180, 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



Original Color
215, 180, 228

Protanopia
182, 190, 235

Deuteranopia
194, 188, 227



Tritanopia
211, 185, 200

Trichromacy



Original Color
215, 180, 228

Protanomaly
194, 186, 232

Deuteranomaly
202, 185, 227

Tritanomaly
212, 183, 210

Monochromacy



Original Color
215, 180, 228

Achromatopsia
196, 196, 196

Achromatomaly
203, 190, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 180, 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(215, 180, 228)` looks like.

```
.text, #text, p{  
    color:rgb(215, 180, 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(215, 180, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 180, 228) }
```

Border

The CSS property to change the border of an element to RGB 215, 180, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

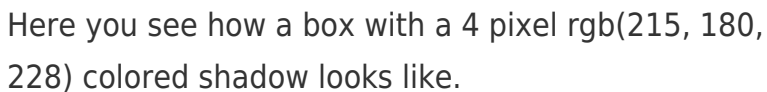
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 180, 228) }
```

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

```
.border{ border-color:rgb(215, 180, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 180, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 180, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 180, 228);  
box-shadow:4px 4px 4px 4px rgb(215, 180,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 215, 180, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 180, 228) }
```

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

```
.background{ background-color: rgb(215,  
180, 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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