

Converting Colors

RGB(215, 180, 219)

Have a look what the booklet for
RGB(215, 180, 219) contains.

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Color

RGB(215, 180, 219)

Conversions

Conversions Part 1

Format	Color
Hex	D7B4DB
RGB	215, 180, 219
RGB Percent	84%, 71%, 86%
CMY	0.1569, 0.2941, 0.1412
CMYK	0.02, 0.18, 0.00, 0.14
HSL	294°, 35%, 78%
HSV	294°, 18%, 86%
XYZ	57.1318, 52.2041, 74.0831
YIQ	194.9110, 8.3410, 19.5490

Conversions

Conversions Part 2

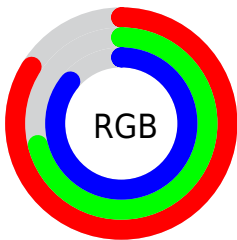
Format	Color
R_{YB}	215, 180, 219
Decimal	14136539
CIE _{Lab}	77.40, 19.37, -14.87
CIE _{LCh}	77, 24.421, 322.497
Yxy	52.2041, 0.3115, 0.2846
Android (android.graphics.Color)	4292326619 (0xFFD7B4DB)
YUV	194.9110, 11.8759, 17.6181
Hunter-Lab	72.2524, 14.7028, -10.2156

Details

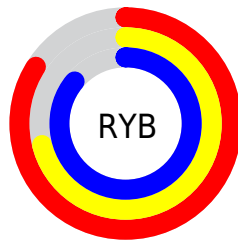
The RGB color **215, 180, 219** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184, 219, 180**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 236, 255**, and **160, 127, 164** is the 20% darker color. If you saturate the color by 10%, you get **213, 158, 219**, and if you desaturate by 10%, it is **217, 202, 219**.

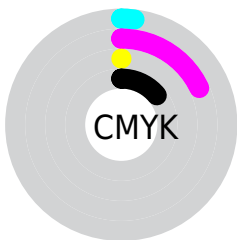
Distribution



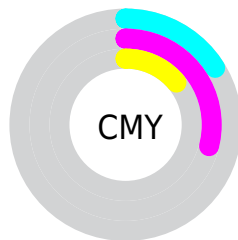
- Red (84%)
- Green (71%)
- Blue (86%)



- Red (84%)
- Yellow (71%)
- Blue (86%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 215, 180, 219 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, 219 by changing the saturation by 10% instead.

 215, 180, 219


255, 255, 255

 255, 236, 255

 215, 180, 219

 187, 153, 191

 160, 127, 164

 134, 102, 138

 108, 78, 112

 83, 54, 88

 60, 33, 64

 37, 12, 42

 9, 0, 22


 0, 0, 0

 215, 180, 219

 215, 180, 219

 213, 158, 219

 217, 202, 219

 211, 136, 219

 219, 224, 219

 208, 114, 219

 222, 246, 219

 206, 92, 219

 224, 255, 219

 204, 71, 219

 226, 255, 219

 202, 49, 219

 228, 255, 219

 199, 27, 219

 231, 255, 219

 197, 5, 219

 233, 255, 219

 197, 0, 219

 235, 255, 219

Harmonies

Analogous

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



188, 187, 233



215, 180, 219



233, 176, 198

Triad

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



215, 180, 219



214, 188, 147



128, 204, 208

Complementary

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



215, 180, 219



184, 219, 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.



141, 204, 185



215, 180, 219



190, 195, 149

Square

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



215, 180, 219



231, 181, 156



164, 201, 163



133, 201, 226

Rectangle

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



215, 180, 219



238, 175, 182



164, 201, 163



130, 204, 200

Sweetspot

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



215, 180, 219



254, 242, 255



180, 185, 219



127, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



215, 180, 219



250, 201, 255



219, 180, 204



109, 99, 110



156, 0, 173



41, 0, 46

Inverse Universe

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



219, 180, 184



255, 201, 207



180, 219, 195



110, 99, 100



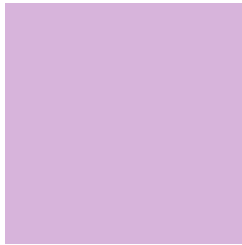
173, 0, 18



46, 0, 5

Previews

White Background



This preview shows how the RGB color 215, 180, 219 looks on a white background.

Color Contrast Check

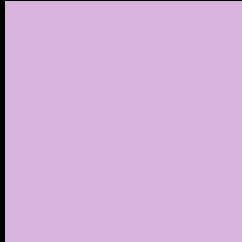
Large Text (above 18pt) WCAG AA × Fail

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, 219 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, 219 Background



This preview shows how black text looks on a background with the RGB color 215, 180, 219.



This preview shows how white text looks on a background with the RGB color 215, 180, 219.

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, 219

Protanopia
184, 190, 225

Deuteranopia
198, 186, 218



Tritanopia
212, 184, 198

Trichromacy



Original Color
215, 180, 219

Protanomaly
195, 186, 223

Deuteranomaly
204, 184, 218

Tritanomaly
213, 183, 206

Monochromacy



Original Color
215, 180, 219

Achromatopsia
195, 195, 195

Achromatomaly
202, 190, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 215, 180, 219 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(215, 180, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 180, 219) }
```

Border

The CSS property to change the border of an element to RGB 215, 180, 219 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, 219) }
```

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

```
.border{ border-color:rgb(215, 180, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 180, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 180, 219);  
box-shadow:4px 4px 4px 4px rgb(215, 180,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 215, 180, 219 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, 219) }
```

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

```
.background{ background-color: rgb(215,  
180, 219) }
```

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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