

# Converting Colors

RGB(202, 187, 214)

Have a look what the booklet for  
RGB(202, 187, 214) contains.

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# **Color**

**RGB(202, 187, 214)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CABBD6
RGB	202, 187, 214
RGB Percent	79%, 73%, 84%
CMY	0.2078, 0.2667, 0.1608
CMYK	0.06, 0.13, 0.00, 0.16
HSL	273°, 25%, 79%
HSV	273°, 13%, 84%
XYZ	54.2650, 52.9522, 70.9791
YIQ	194.5630, 0.2730, 11.5770

# Conversions

## Conversions Part 2

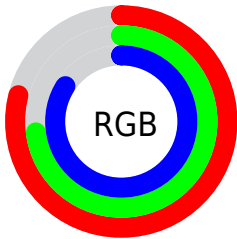
Format	Color
R <sub>Y</sub> B	202, 187, 214
Decimal	13286358
CIE Lab	77.85, 10.28, -11.61
CIE LCh	78, 15.507, 311.523
Yxy	52.9522, 0.3045, 0.2972
Android (android.graphics.Color)	4291476438 (0xFFCABB D6)
YUV	194.5630, 9.5824, 6.5222
Hunter-Lab	72.7683, 5.7672, -6.8944

# Details

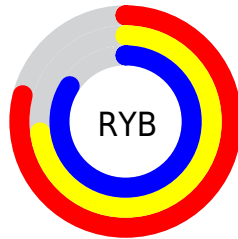
The RGB color **202, 187, 214** is a light color, and the websafe version is hex **C4CCFF**. A complement of this color would be **199, 214, 187**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 243, 255**, and **148, 134, 159** is the 20% darker color. If you saturate the color by 10%, you get **192, 166, 214**, and if you desaturate by 10%, it is **212, 208, 214**.

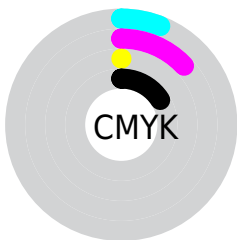
# Distribution



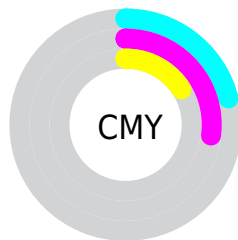
- Red (79%)
- Green (73%)
- Blue (84%)



- Red (79%)
- Yellow (73%)
- Blue (84%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (27%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 202, 187, 214 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 202, 187, 214 by changing the saturation by 10% instead.



■ 202, 187, 214

255, 255, 255

■ 255, 243, 255

■ 202, 187, 214

■ 175, 160, 186

■ 148, 134, 159

■ 122, 109, 133

■ 97, 84, 108

■ 73, 61, 84


■ 50, 39, 60


■ 29, 19, 39

■ 0, 0, 18

■ 0, 0, 0

 202, 187, 214

 202, 187, 214

 192, 166, 214


 212, 208, 214

 183, 144, 214

 221, 230, 214

 173, 123, 214


 231, 251, 214

 164, 101, 214


 240, 255, 214

 154, 80, 214


 250, 255, 214

 145, 59, 214

 255, 255, 214

 135, 37, 214

 126, 16, 214

 119, 0, 214

# Harmonies

## Analogous

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



184, 192, 220



202, 187, 214



216, 184, 202

# Triad

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



202, 187, 214



212, 188, 166



157, 201, 198

# Complementary

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



202, 187, 214



199, 214, 187

# 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.



166, 200, 183



202, 187, 214



198, 193, 164

# Square

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



202, 187, 214



221, 184, 174



182, 197, 171



156, 200, 211

# Rectangle

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



202, 187, 214



221, 183, 192



182, 197, 171



159, 201, 193



# Sweetspot

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



202, 187, 214



250, 245, 255



187, 199, 214



125, 121, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



202, 187, 214



238, 217, 255



214, 187, 213



102, 96, 107



95, 0, 171



24, 0, 43



# Inverse Universe

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



214, 187, 199



255, 217, 234



187, 214, 188



107, 96, 101



171, 0, 76

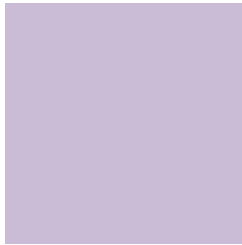


43, 0, 19



# Previews

## White Background



This preview shows how the RGB color 202, 187, 214 looks on a white background.

## Color Contrast Check

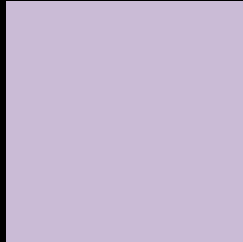
Large Text (above 18pt) WCAG AA × Fail

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 202, 187, 214 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

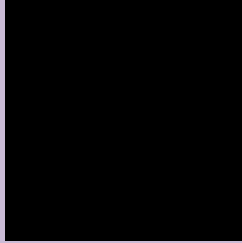
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 202, 187, 214 Background



This preview shows how black text looks on a background with the RGB color 202, 187, 214.



This preview shows how white text looks on a background with the RGB color 202, 187, 214.

# 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**  
202, 187, 214

**Protanopia**  
189, 191, 217

**Deuteranopia**  
201, 187, 214



**Tritanopia**  
200, 189, 204

# Trichromacy



**Original Color**

202, 187, 214

**Protanomaly**

194, 190, 216

**Deuteranomaly**

201, 187, 214

**Tritanomaly**

201, 188, 208

# Monochromacy



**Original Color**

202, 187, 214

**Achromatopsia**

195, 195, 195

**Achromatomaly**

198, 192, 202

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 202, 187, 214 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(202, 187, 214) looks like.

```
.text, #text, p{  
    color:rgb(202, 187, 214)  
}
```

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(202, 187, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 187, 214) }
```

## Border

The CSS property to change the border of an element to RGB 202, 187, 214 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(202, 187, 214) }
```

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

```
.border{ border-color:rgb(202, 187, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 187, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 187, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 187, 214);  
box-shadow:4px 4px 4px 4px rgb(202, 187,  
214) }
```

# Background

The CSS property to change the background color of an element to RGB 202, 187, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 187, 214) }
```

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

```
.background{ background-color: rgb(202,  
187, 214) }
```

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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