

Converting Colors

RGB(200, 151, 214)

Have a look what the booklet for
RGB(200, 151, 214) contains.

RGB(200, 151, 214)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(200, 151, 214)

Conversions

Conversions Part 1

Format	Color
Hex	C897D6
RGB	200, 151, 214
RGB Percent	78%, 59%, 84%
CMY	0.2157, 0.4078, 0.1608
CMYK	0.07, 0.29, 0.00, 0.16
HSL	287°, 43%, 72%
HSV	287°, 29%, 84%
XYZ	47.0236, 39.2676, 68.7193
YIQ	172.8330, 8.9810, 29.9810

Conversions

Conversions Part 2

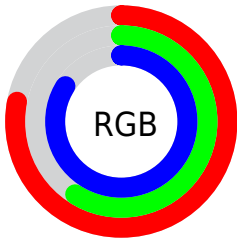
Format	Color
R _Y B	200, 151, 214
Decimal	13146070
CIE Lab	68.94, 29.31, -25.10
CIE LCh	69, 38.590, 319.429
Yxy	39.2676, 0.3034, 0.2533
Android (android.graphics.Color)	4291336150 (0xFFC897D6)
YUV	172.8330, 20.2953, 23.8255
Hunter-Lab	62.6639, 24.2865, -21.1547

Details

The RGB color `200, 151, 214` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `165, 214, 151`, and the grayscale version is `173, 173, 173`.

A 20% lighter version of the original color is `255, 206, 255`, and `145, 99, 159` is the 20% darker color. If you saturate the color by 10%, you get `195, 130, 214`, and if you desaturate by 10%, it is `205, 172, 214`.

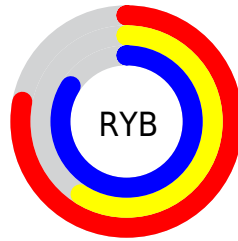
Distribution



Red (78%)

Green (59%)

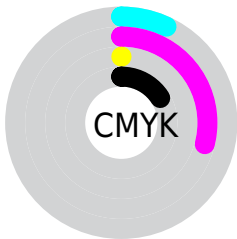
Blue (84%)



Red (78%)

Yellow (59%)

Blue (84%)

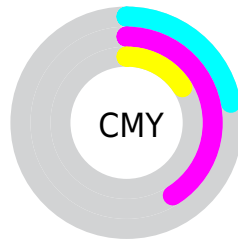


Cyan (7%)

Magenta (29%)

Yellow (0%)

Black (16%)



Cyan (22%)

Magenta (41%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 151, 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 200, 151, 214 by changing the saturation by 10% instead.


 200, 151, 214

255, 255, 255

 255, 206, 255

 255, 234, 255

 200, 151, 214

 172, 125, 186

 145, 99, 159


 119, 75, 133

 94, 51, 107

 69, 28, 83

 45, 5, 60

 27, 0, 38

 0, 1, 14


 0, 0, 0


 200, 151, 214

 200, 151, 214

 195, 130, 214


 205, 172, 214

 190, 108, 214

 210, 194, 214

 186, 87, 214


 214, 215, 214

 181, 65, 214

 219, 237, 214

 176, 44, 214

 224, 255, 214

 171, 23, 214

 229, 255, 214

 167, 1, 214

 233, 255, 214

 166, 0, 214

 238, 255, 214

 243, 255, 214

Harmonies

Analogous

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



154, 164, 234



200, 151, 214



228, 142, 182

Triad

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



200, 151, 214



202, 162, 99



17, 187, 190

Complementary

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



200, 151, 214



165, 214, 151

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.



82, 186, 154



200, 151, 214



168, 173, 101

Square

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



200, 151, 214



226, 150, 117



128, 182, 122



16, 183, 220

Rectangle

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



200, 151, 214



236, 141, 158



128, 182, 122



43, 187, 178

Sweetspot

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



200, 151, 214



250, 232, 255



151, 166, 214



124, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



200, 151, 214



235, 166, 255



214, 151, 197



105, 96, 107



133, 0, 171



34, 0, 43

Inverse Universe

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



214, 151, 165



255, 166, 186



151, 214, 168



107, 96, 99



171, 0, 38



43, 0, 10

Previews

White Background



This preview shows how the RGB color 200, 151, 214 looks on a white background.

Color Contrast Check

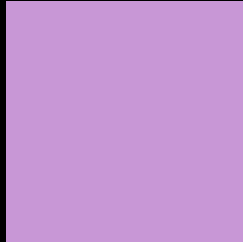
Large Text (above 18pt) WCAG AA × Fail

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 200, 151, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

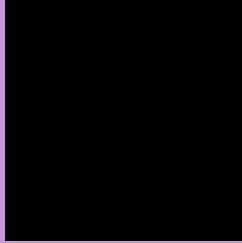
Any Text WCAG AA ✓ Pass

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 200, 151, 214 Background



This preview shows how black text looks on a background with the RGB color 200, 151, 214.



This preview shows how white text looks on a background with the RGB color 200, 151, 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
200, 151, 214

Protanopia
152, 166, 225

Deuteranopia
163, 165, 211



Tritanopia
194, 159, 172

Trichromacy



Original Color
200, 151, 214

Protanomaly
169, 161, 221

Deuteranomaly
176, 160, 212

Tritanomaly
196, 156, 187

Monochromacy



Original Color
200, 151, 214

Achromatopsia
173, 173, 173

Achromatomaly
183, 165, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 151, 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(200, 151, 214)` looks like.

```
.text, #text, p{  
    color:rgb(200, 151, 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(200, 151, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 151, 214) }
```

Border

The CSS property to change the border of an element to RGB 200, 151, 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(200, 151, 214) }
```

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

```
.border{ border-color:rgb(200, 151, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 151, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 151, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 151, 214);  
box-shadow:4px 4px 4px 4px rgb(200, 151,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 200, 151, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 151, 214) }
```

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

```
.background{ background-color: rgb(200,  
151, 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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