

Converting Colors

RGB(201, 145, 220)

Have a look what the booklet for
RGB(201, 145, 220) contains.

RGB(201, 145, 220)	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(201, 145, 220)

Conversions

Conversions Part 1

Format	Color
Hex	C991DC
RGB	201, 145, 220
RGB Percent	79%, 57%, 86%
CMY	0.2118, 0.4314, 0.1373
CMYK	0.09, 0.34, 0.00, 0.14
HSL	285°, 52%, 72%
HSV	285°, 34%, 86%
XYZ	47.1311, 37.8356, 72.5291
YIQ	170.2940, 9.3010, 35.1970

Conversions

Conversions Part 2

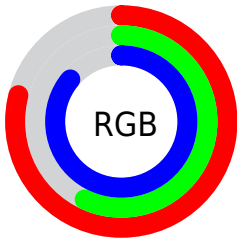
Format	Color
RYB	201, 145, 220
Decimal	13210076
CIELab	67.90, 34.12, -30.01
CIELCh	68, 45.443, 318.663
Yxy	37.8356, 0.2993, 0.2402
Android (android.graphics.Color)	4291400156 (0xFFC991DC)
YUV	170.2940, 24.5051, 26.9292
Hunter-Lab	61.5107, 29.1277, -26.8532

Details

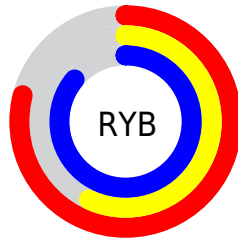
The RGB color `201, 145, 220` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `164, 220, 145`, and the grayscale version is `170, 170, 170`.

A 20% lighter version of the original color is `255, 200, 255`, and `146, 93, 165` is the 20% darker color. If you saturate the color by 10%, you get `195, 123, 220`, and if you desaturate by 10%, it is `207, 167, 220`.

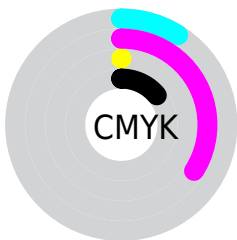
Distribution



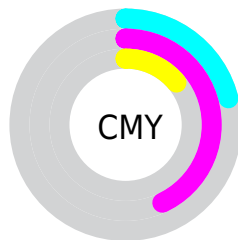
- Red (79%)
- Green (57%)
- Blue (86%)



- Red (79%)
- Yellow (57%)
- Blue (86%)



- Cyan (9%)
- Magenta (34%)
- Yellow (0%)
- Black (14%)





- Cyan (21%)
- Magenta (43%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 145, 220 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 201, 145, 220 by changing the saturation by 10% instead.

 201, 145, 220

 201, 145, 220

255, 255, 255

 173, 119, 192

 255, 200, 255

 146, 93, 165

 255, 228, 255

 119, 69, 138

 94, 45, 112


 69, 21, 88


 44, 0, 64


 24, 0, 42

 0, 1, 20


 0, 0, 0


 201, 145, 220

 201, 145, 220

 195, 123, 220


 207, 167, 220

 190, 101, 220


 212, 189, 220

 184, 79, 220


 218, 211, 220

 179, 57, 220

 223, 233, 220

 173, 35, 220

 229, 255, 220

 168, 13, 220

 234, 255, 220

 164, 0, 220

 240, 255, 220

 246, 255, 220

 251, 255, 220

Harmonies

Analogous

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



145, 161, 243



201, 145, 220



234, 133, 183

Triad

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



201, 145, 220



204, 158, 84



0, 187, 190

Complementary

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



201, 145, 220



164, 220, 145

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.



52, 186, 148



201, 145, 220



165, 171, 85

Square

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



201, 145, 220



232, 143, 105



118, 181, 110



0, 183, 226

Rectangle

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



201, 145, 220



243, 132, 155



118, 181, 110



0, 187, 176

Sweetspot

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



201, 145, 220



249, 230, 255



145, 165, 220



124, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 145, 220



229, 150, 255



220, 145, 203



107, 99, 110



129, 0, 173



34, 0, 46

Inverse Universe

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



220, 145, 164



255, 150, 177



145, 220, 163



110, 99, 101



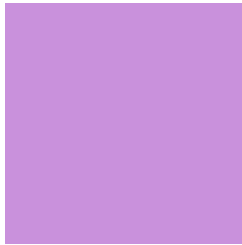
173, 0, 44



46, 0, 12

Previews

White Background



This preview shows how the RGB color 201, 145, 220 looks on a white background.

Color Contrast Check

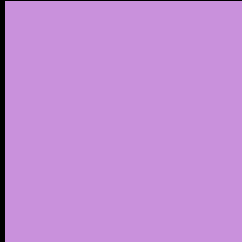
Large Text (above 18pt) WCAG AA × Fail

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 201, 145, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

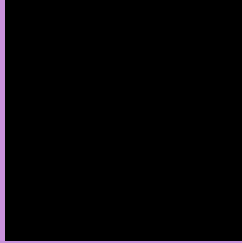
Any Text WCAG AA ✓ Pass

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 201, 145, 220 Background



This preview shows how black text looks on a background with the RGB color 201, 145, 220.

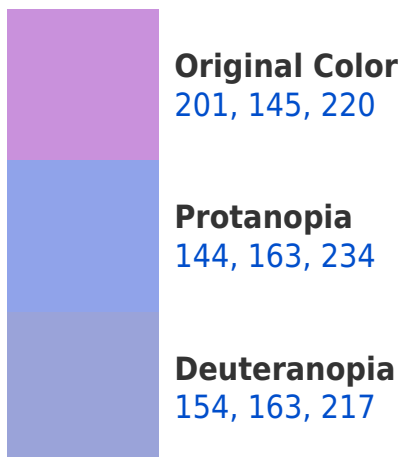


This preview shows how white text looks on a background with the RGB color 201, 145, 220.

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
193, 156, 168

Trichromacy



Original Color

201, 145, 220



Protanomaly

165, 156, 229



Deuteranomaly

171, 156, 218



Tritanomaly

196, 152, 187

Monochromacy



Original Color

201, 145, 220



Achromatopsia

170, 170, 170



Achromatomaly

181, 161, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 145, 220 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(201, 145, 220)` looks like.

```
.text, #text, p{  
    color:rgb(201, 145, 220)  
}
```

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(201, 145, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 145, 220) }
```

Border

The CSS property to change the border of an element to RGB 201, 145, 220 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(201, 145, 220) }
```

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

```
.border{ border-color:rgb(201, 145, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 145, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 145, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 145, 220);  
box-shadow:4px 4px 4px 4px rgb(201, 145,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 201, 145, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 145, 220) }
```

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

```
.background{ background-color: rgb(201,  
145, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor