

Converting Colors

RGB(204, 141, 255)

Have a look what the booklet for
RGB(204, 141, 255) contains.

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Color

RGB(204, 141, 255)

Conversions

Conversions Part 1

Format	Color
Hex	CC8DFF
RGB	204, 141, 255
RGB Percent	80%, 55%, 100%
CMY	0.2000, 0.4471, 0.0000
CMYK	0.20, 0.45, 0.00, 0.00
HSL	273°, 100%, 78%
HSV	273°, 45%, 100%
XYZ	52.4767, 39.1071, 99.3903
YIQ	172.8330, 0.9540, 48.8100

Conversions

Conversions Part 2

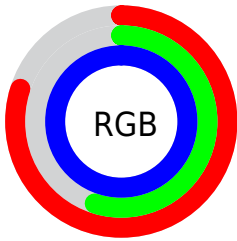
Format	Color
RYB	204, 141, 255
Decimal	13405695
CIELab	68.83, 44.54, -47.75
CIELCh	69, 65.303, 313.008
Yxy	39.1071, 0.2748, 0.2048
Android (android.graphics.Color)	4291595775 (0xFFCC8DFF)
YUV	172.8330, 40.5083, 27.3335
Hunter-Lab	62.5357, 40.3505, -50.4569

Details

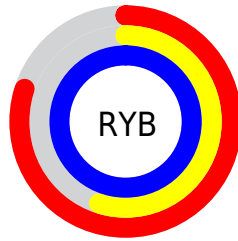
The RGB color `204, 141, 255` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `192, 255, 141`, and the grayscale version is `172, 172, 172`.

A 20% lighter version of the original color is `255, 196, 255`, and `148, 89, 198` is the 20% darker color. If you saturate the color by 10%, you get `193, 116, 255`, and if you desaturate by 10%, it is `215, 167, 255`.

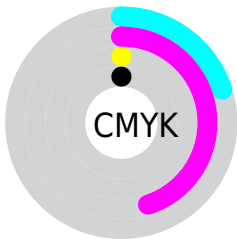
Distribution



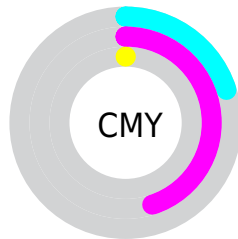
- Red (80%)
- Green (55%)
- Blue (100%)



- Red (80%)
- Yellow (55%)
- Blue (100%)



- Cyan (20%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)




- Cyan (20%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 141, 255 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 204, 141, 255 by changing the saturation by 10% instead.

 204, 141, 255

 204, 141, 255


255, 255, 255

 175, 115, 226

 255, 196, 255

 148, 89, 198

 255, 224, 255

 120, 64, 170

 255, 253, 255

 93, 39, 143

 66, 11, 117

 39, 0, 92

 15, 0, 68

 0, 3, 44

 0, 1, 23

■ 204, 141, 255

■ 204, 141, 255

■ 193, 116, 255

■ 215, 167, 255

■ 181, 90, 255

■ 227, 192, 255

■ 170, 65, 255

■ 238, 218, 255

■ 158, 39, 255

■ 250, 243, 255

■ 147, 14, 255

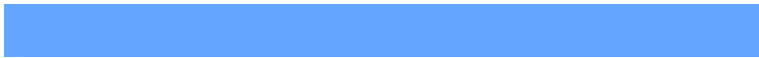
255, 255, 255

■ 141, 0, 255

Harmonies

Analogous

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



100, 166, 255



204, 141, 255



255, 118, 204

Triad

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



204, 141, 255



226, 153, 48



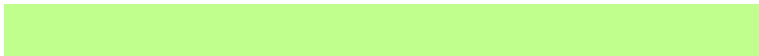
0, 196, 193

Complementary

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



204, 141, 255



192, 255, 141

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.



0, 194, 131



204, 141, 255



174, 173, 38

Square

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



204, 141, 255



255, 129, 90



108, 187, 76



0, 193, 247

Rectangle

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



204, 141, 255



255, 112, 164



108, 187, 76



0, 196, 172

Sweetspot

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



204, 141, 255



240, 222, 255



141, 192, 255



118, 107, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 141, 255



193, 117, 255



255, 141, 249



122, 115, 128



106, 0, 191



35, 0, 64

Inverse Universe

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



255, 141, 192



255, 117, 179



141, 255, 147



128, 115, 120



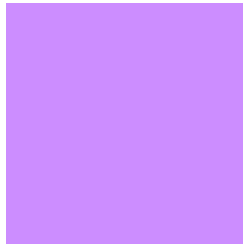
191, 0, 86



64, 0, 29

Previews

White Background



This preview shows how the RGB color 204, 141, 255 looks on a white background.

Color Contrast Check

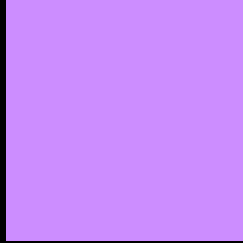
Large Text (above 18pt) WCAG AA × Fail

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 204, 141, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

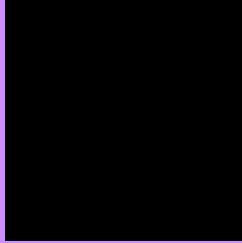
Any Text WCAG AA ✓ Pass

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 204, 141, 255 Background



This preview shows how black text looks on a background with the RGB color 204, 141, 255.

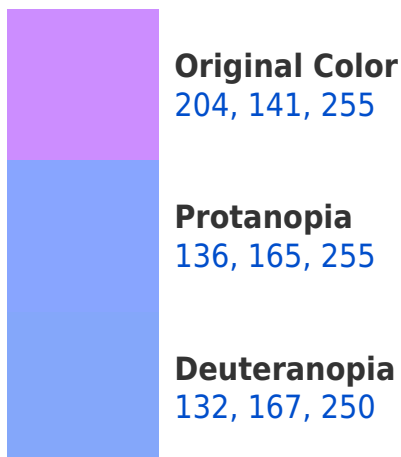



This preview shows how white text looks on a background with the RGB color 204, 141, 255.

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
190, 160, 172

Trichromacy



Original Color

204, 141, 255



Protanomaly

161, 156, 255



Deuteranomaly

158, 158, 252



Tritanomaly

195, 153, 202

Monochromacy



Original Color

204, 141, 255



Achromatopsia

173, 173, 173



Achromatomaly

184, 161, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 141, 255 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(204, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 141, 255)  
}
```

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(204, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 141, 255) }
```

Border

The CSS property to change the border of an element to RGB 204, 141, 255 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(204, 141, 255) }
```

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

```
.border{ border-color:rgb(204, 141, 255) }
```

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

Here you see how a box with a 4 pixel rgb(204, 141, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 141,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 204, 141, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 141, 255) }
```

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

```
.background{ background-color: rgb(204,  
141, 255) }
```

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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