

Converting Colors

RGB(201, 152, 227)

Have a look what the booklet for
RGB(201, 152, 227) contains.

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Color

RGB(201, 152, 227)

Conversions

Conversions Part 1

Format	Color
Hex	C998E3
RGB	201, 152, 227
RGB Percent	79%, 60%, 89%
CMY	0.2118, 0.4039, 0.1098
CMYK	0.11, 0.33, 0.00, 0.11
HSL	279°, 57%, 74%
HSV	279°, 33%, 89%
XYZ	49.1808, 40.4200, 77.8828
YIQ	175.2010, 5.1290, 33.7130

Conversions

Conversions Part 2

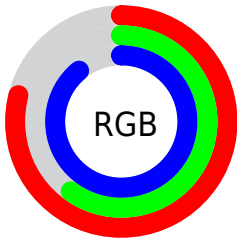
Format	Color
R _Y B	201, 152, 227
Decimal	13211875
CIE Lab	69.77, 31.72, -30.99
CIE LCh	70, 44.347, 315.670
Yxy	40.4200, 0.2936, 0.2413
Android (android.graphics.Color)	4291401955 (0xFFC998E3)
YUV	175.2010, 25.5369, 22.6257
Hunter-Lab	63.5767, 26.8221, -28.1277

Details

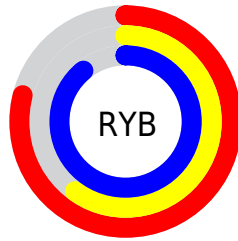
The RGB color **201, 152, 227** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **178, 227, 152**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **255, 207, 255**, and **146, 100, 171** is the 20% darker color. If you saturate the color by 10%, you get **193, 129, 227**, and if you desaturate by 10%, it is **209, 175, 227**.

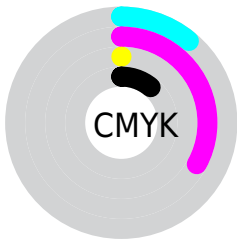
Distribution



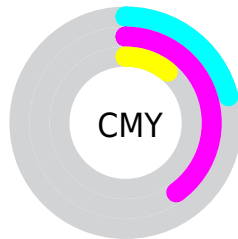
- Red (79%)
- Green (60%)
- Blue (89%)



- Red (79%)
- Yellow (60%)
- Blue (89%)



- Cyan (11%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)





- Cyan (21%)
- Magenta (40%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 152, 227 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, 152, 227 by changing the saturation by 10% instead.

 201, 152, 227

 201, 152, 227

255, 255, 255

 173, 126, 199

 255, 207, 255

 146, 100, 171

 255, 235, 255

 119, 76, 145

 94, 52, 119


 69, 29, 94


 45, 5, 70

 27, 0, 47

 0, 1, 25

 0, 0, 0

 201, 152, 227

 201, 152, 227

 193, 129, 227


 209, 175, 227

 185, 107, 227

 217, 197, 227

 177, 84, 227

 225, 220, 227

 170, 61, 227

 232, 243, 227

 162, 39, 227

 240, 255, 227

 154, 16, 227

 248, 255, 227

 148, 0, 227

 255, 255, 227

Harmonies

Analogous

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



144, 167, 248



201, 152, 227



236, 140, 191

Triad

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



201, 152, 227



212, 161, 92



0, 191, 191

Complementary

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



201, 152, 227



178, 227, 152

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.



72, 190, 149



201, 152, 227



175, 175, 91

Square

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



201, 152, 227



238, 147, 115



130, 185, 113



0, 188, 227

Rectangle

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



201, 152, 227



246, 138, 164



130, 185, 113



0, 191, 177

Sweetspot

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



201, 152, 227



246, 230, 255



152, 178, 227



122, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 152, 227



220, 153, 255



227, 152, 216



111, 103, 115



117, 0, 179



33, 0, 51

Inverse Universe

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



227, 152, 178



255, 153, 188



152, 227, 163



115, 103, 107



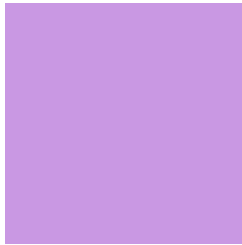
179, 0, 62



51, 0, 18

Previews

White Background



This preview shows how the RGB color 201, 152, 227 looks on a white background.

Color Contrast Check

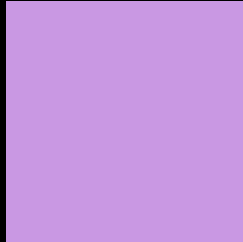
Large Text (above 18pt) WCAG AA × Fail

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, 152, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

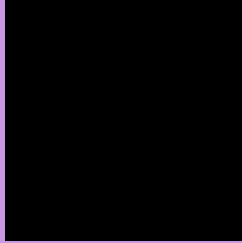
Any Text WCAG AA ✓ Pass

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, 152, 227 Background



This preview shows how black text looks on a background with the RGB color 201, 152, 227.

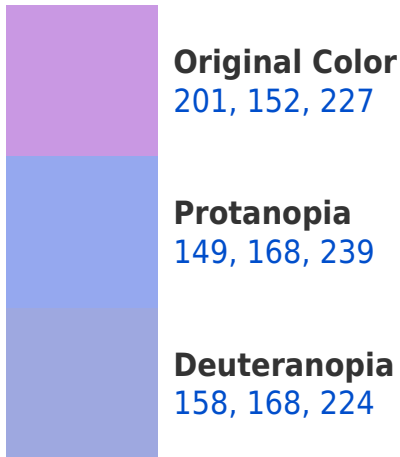



This preview shows how white text looks on a background with the RGB color 201, 152, 227.

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, 162, 175

Trichromacy



Original Color

201, 152, 227



Protanomaly

168, 162, 235



Deuteranomaly

174, 162, 225



Tritanomaly

196, 158, 194

Monochromacy



Original Color

201, 152, 227



Achromatopsia

175, 175, 175



Achromatomaly

184, 167, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 152, 227 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, 152, 227) looks like.

```
.text, #text, p{  
    color:rgb(201, 152, 227)  
}
```

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, 152, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 152, 227) }
```

Border

The CSS property to change the border of an element to RGB 201, 152, 227 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, 152, 227) }
```

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

```
.border{ border-color:rgb(201, 152, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 152, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 152, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 152, 227);  
box-shadow:4px 4px 4px 4px rgb(201, 152,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 201, 152, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 152, 227) }
```

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

```
.background{ background-color: rgb(201,  
152, 227) }
```

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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