

# Converting Colors

RGB(193, 161, 231)

Have a look what the booklet for  
RGB(193, 161, 231) contains.

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# **Color**

**RGB(193, 161, 231)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1A1E7
RGB	193, 161, 231
RGB Percent	76%, 63%, 91%
CMY	0.2431, 0.3686, 0.0941
CMYK	0.16, 0.30, 0.00, 0.09
HSL	267°, 59%, 77%
HSV	267°, 30%, 91%
XYZ	49.1610, 42.5967, 81.2322
YIQ	178.5480, -3.3980, 28.5540

# Conversions

## Conversions Part 2

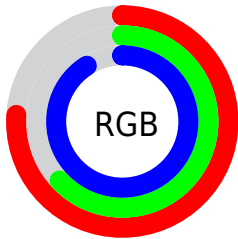
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 161, 231
Decimal	12689895
CIE <sub>Lab</sub>	71.28, 25.15, -30.91
CIE <sub>LCh</sub>	71, 39.847, 309.133
Yxy	42.5967, 0.2842, 0.2462
Android (android.graphics.Color)	4290879975 (0xFFC1A1E7)
YUV	178.5480, 25.8588, 12.6744
Hunter-Lab	65.2662, 20.2373, -28.1078

# Details

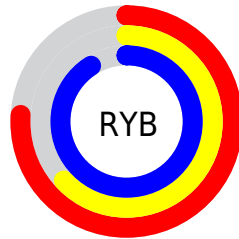
The RGB color **193, 161, 231** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **199, 231, 161**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **250, 216, 255**, and **139, 109, 175** is the 20% darker color. If you saturate the color by 10%, you get **180, 138, 231**, and if you desaturate by 10%, it is **206, 184, 231**.

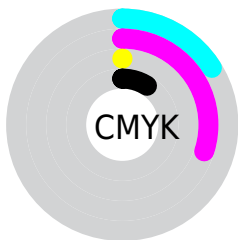
# Distribution



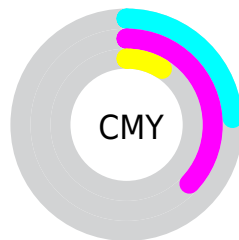
- Red (76%)
- Green (63%)
- Blue (91%)



- Red (76%)
- Yellow (63%)
- Blue (91%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (37%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the RGB color 193, 161, 231 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 193, 161, 231 by changing the saturation by 10% instead.



 193, 161, 231

 193, 161, 231

255, 255, 255

 165, 135, 203

 250, 216, 255

 139, 109, 175

 255, 245, 255

 112, 85, 148

 87, 61, 122

 62, 39, 97


 38, 17, 73


 20, 0, 50


 0, 2, 28

 0, 0, 0

 193, 161, 231


 193, 161, 231


 180, 138, 231


 206, 184, 231

 168, 115, 231

 218, 207, 231

 155, 92, 231

 231, 230, 231

 143, 69, 231

 243, 253, 231

 130, 45, 231

 255, 255, 231

 118, 22, 231

 106, 0, 231

# Harmonies

## Analogous

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



140, 174, 246



193, 161, 231



229, 150, 201

# Triad

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



193, 161, 231



220, 164, 107



44, 194, 185

# Complementary

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



193, 161, 231



199, 231, 161

# 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.



102, 192, 147



193, 161, 231



187, 176, 102

# Square

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



193, 161, 231



240, 152, 130



148, 186, 117



0, 192, 219

# Rectangle

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



193, 161, 231



242, 146, 177



148, 186, 117



66, 194, 172



# Sweetspot

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



193, 161, 231



243, 232, 255



161, 200, 231



120, 113, 128



0, 0, 0



128, 128, 128



# Same Dimension

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



193, 161, 231



205, 163, 255



227, 161, 231



109, 103, 115



82, 0, 179



23, 0, 51



# Inverse Universe

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



231, 161, 199



255, 163, 213



164, 231, 161



115, 103, 110



179, 0, 97



51, 0, 28



# Previews

## White Background



This preview shows how the RGB color 193, 161, 231 looks on a white background.

## Color Contrast Check

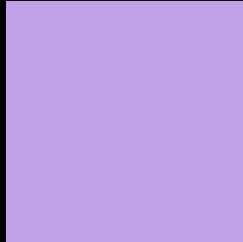
Large Text (above 18pt) WCAG AA × Fail

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 193, 161, 231 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

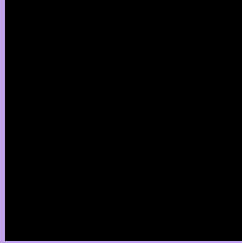
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## RGB 193, 161, 231 Background



This preview shows how black text looks on a background with the RGB color 193, 161, 231.

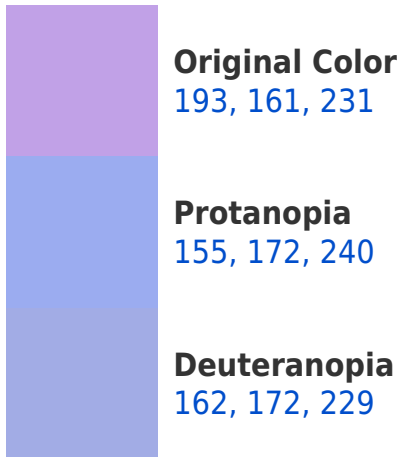


This preview shows how white text looks on a background with the RGB color 193, 161, 231.

# 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**  
185, 170, 184

# Trichromacy



**Original Color**  
193, 161, 231

**Protanomaly**  
169, 168, 237

**Deuteranomaly**  
173, 168, 230

**Tritanomaly**  
188, 167, 201

# Monochromacy



**Original Color**  
193, 161, 231

**Achromatopsia**  
179, 179, 179

**Achromatomaly**  
184, 172, 198

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 193, 161, 231 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(193, 161, 231)` looks like.

```
.text, #text, p{  
    color:rgb(193, 161, 231)  
}
```

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(193, 161, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 161, 231) }
```

## Border

The CSS property to change the border of an element to RGB 193, 161, 231 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(193, 161, 231) }
```

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

```
.border{ border-color:rgb(193, 161, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 161, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 161, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 161, 231);  
box-shadow:4px 4px 4px 4px rgb(193, 161,  
231) }
```

# Background

The CSS property to change the background color of an element to RGB 193, 161, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 161, 231) }
```

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

```
.background{ background-color: rgb(193,  
161, 231) }
```

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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