

Converting Colors

RGB(151, 131, 209)

Have a look what the booklet for
RGB(151, 131, 209) contains.

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Color

RGB(151, 131, 209)

Conversions

Conversions Part 1

Format	Color
Hex	9783D1
RGB	151, 131, 209
RGB Percent	59%, 51%, 82%
CMY	0.4078, 0.4863, 0.1804
CMYK	0.28, 0.37, 0.00, 0.18
HSL	255°, 46%, 67%
HSV	255°, 37%, 82%
XYZ	32.3874, 27.4154, 63.9063
YIQ	145.8720, -13.1180, 28.4980

Conversions

Conversions Part 2

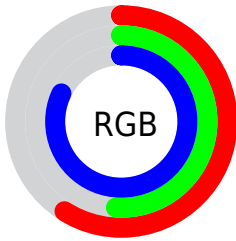
Format	Color
RYB	151, 131, 209
Decimal	9929681
CIELab	59.36, 24.42, -37.53
CIELCh	59, 44.772, 303.053
Yxy	27.4154, 0.2618, 0.2216
Android (android.graphics.Color)	4288119761 (0xFF9783D1)
YUV	145.8720, 31.1221, 4.4973
Hunter-Lab	52.3597, 18.7829, -35.7131

Details

The RGB color **151, 131, 209** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **189, 209, 131**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **207, 184, 255**, and **98, 81, 154** is the 20% darker color. If you saturate the color by 10%, you get **135, 110, 209**, and if you desaturate by 10%, it is **167, 152, 209**.

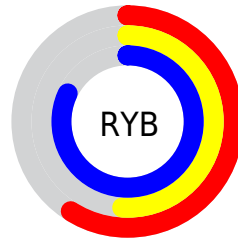
Distribution



Red (59%)

Green (51%)

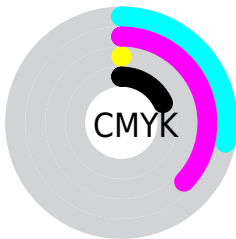
Blue (82%)



Red (59%)

Yellow (51%)

Blue (82%)

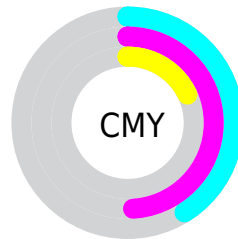


Cyan (28%)

Magenta (37%)

Yellow (0%)

Black (18%)



Cyan (41%)


Magenta (49%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 131, 209 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 151, 131, 209 by changing the saturation by 10% instead.


 151, 131, 209


255, 255, 255

 207, 184, 255

 235, 212, 255

 255, 240, 255

 151, 131, 209

 124, 106, 181

 98, 81, 154

 72, 58, 128

 46, 36, 102


 19, 16, 78


 0, 0, 55


 0, 2, 32

 0, 0, 5

 0, 0, 0


 151, 131, 209


 151, 131, 209

 135, 110, 209

 167, 152, 209

 120, 89, 209

 182, 173, 209

 104, 68, 209

 198, 194, 209

 89, 47, 209

 213, 215, 209

 73, 26, 209

 229, 235, 209

 58, 6, 209

 244, 255, 209

 54, 0, 209

 255, 255, 209

Harmonies

Analogous

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



80, 146, 221



151, 131, 209



195, 116, 179

Triad

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



151, 131, 209



194, 128, 73



0, 163, 146

Complementary

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



151, 131, 209



189, 209, 131

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.



69, 160, 106



151, 131, 209



162, 142, 61

Square

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



151, 131, 209



214, 115, 102



122, 153, 74



0, 162, 185

Rectangle

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



151, 131, 209



211, 110, 154



122, 153, 74



0, 162, 132

Sweetspot

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



151, 131, 209



234, 227, 255



131, 190, 209



115, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



151, 131, 209



170, 140, 255



190, 131, 209



97, 94, 105



43, 0, 168



10, 0, 41

Inverse Universe

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



209, 131, 189



255, 140, 226



150, 209, 131



105, 94, 102



168, 0, 125



41, 0, 30

Previews

White Background



This preview shows how the RGB color 151, 131, 209 looks on a white background.

Color Contrast Check

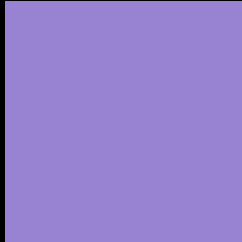
Large Text (above 18pt) WCAG AA ✓ Pass

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 151, 131, 209 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 × Fail

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

RGB 151, 131, 209 Background



This preview shows how black text looks on a background with the RGB color 151, 131, 209.

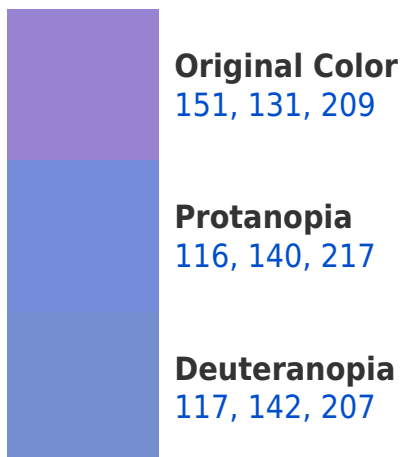


This preview shows how white text looks on a background with the RGB color 151, 131, 209.

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

140, 142, 154

Trichromacy



Original Color
151, 131, 209

Protanomaly
129, 137, 214

Deuteranomaly
129, 138, 208

Tritanomaly
144, 138, 174

Monochromacy



Original Color
151, 131, 209

Achromatopsia
146, 146, 146

Achromatomaly
148, 141, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 131, 209 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(151, 131, 209)` looks like.

```
.text, #text, p{  
    color:rgb(151, 131, 209)  
}
```

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(151, 131, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 131, 209) }
```

Border

The CSS property to change the border of an element to RGB 151, 131, 209 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(151, 131, 209) }
```

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

```
.border{ border-color:rgb(151, 131, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 131, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 131, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 131, 209);  
box-shadow:4px 4px 4px 4px rgb(151, 131,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 151, 131, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 131, 209) }
```

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

```
.background{ background-color: rgb(151,  
131, 209) }
```

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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