

Converting Colors

RGB(151, 170, 253)

Have a look what the booklet for
RGB(151, 170, 253) contains.

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Color

RGB(151, 170, 253)

Conversions

Conversions Part 1

Format	Color
Hex	97AAFD
RGB	151, 170, 253
RGB Percent	59%, 67%, 99%
CMY	0.4078, 0.3333, 0.0078
CMYK	0.40, 0.33, 0.00, 0.01
HSL	229°, 96%, 79%
HSV	229°, 40%, 99%
XYZ	44.8668, 42.4206, 98.7518
YIQ	173.7810, -37.9670, 21.7850

Conversions

Conversions Part 2

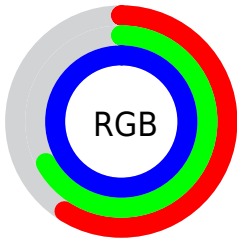
Format	Color
RYB	151, 167, 253
Decimal	9939709
CIELab	71.16, 13.62, -43.32
CIELCh	71, 45.410, 287.459
Yxy	42.4206, 0.2412, 0.2280
Android (android.graphics.Color)	4288129789 (0xFF97AAFD)
YUV	173.7810, 39.0550, -19.9789
Hunter-Lab	65.1311, 8.9838, -44.3037

Details

The RGB color **151, 170, 253** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **253, 234, 151**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **208, 225, 255**, and **95, 118, 196** is the 20% darker color. If you saturate the color by 10%, you get **126, 149, 253**, and if you desaturate by 10%, it is **176, 191, 253**.

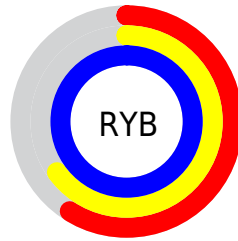
Distribution



Red (59%)

Green (67%)

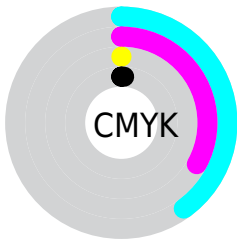
Blue (99%)



Red (59%)

Yellow (65%)

Blue (99%)

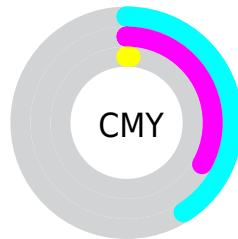


Cyan (40%)

Magenta (33%)

Yellow (0%)

Black (1%)



Cyan (41%)


Magenta (33%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 170, 253 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, 170, 253 by changing the saturation by 10% instead.

 151, 170, 253


255, 255, 255

 208, 225, 255

 238, 254, 255

 151, 170, 253

 123, 144, 224

 95, 118, 196

 67, 94, 168

 35, 70, 142


 0, 48, 116


 0, 28, 91

 0, 1, 67

 0, 3, 44


 0, 1, 22

 151, 170, 253


 151, 170, 253

 126, 149, 253


 176, 191, 253

 100, 129, 253

 202, 211, 253

 75, 108, 253

 227, 232, 253

 50, 88, 253

 252, 252, 253

 25, 67, 253

255, 255, 253

 0, 47, 253

Harmonies

Analogous

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



66, 184, 254



151, 170, 253



208, 154, 231

Triad

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



151, 170, 253



243, 151, 115



67, 195, 155

Complementary

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



151, 170, 253



253, 234, 151

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.



129, 189, 117



151, 170, 253



215, 166, 93

Square

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



151, 170, 253



254, 141, 152



176, 179, 93



0, 196, 198

Rectangle

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



151, 170, 253



234, 146, 207



176, 179, 93



91, 193, 141

Sweetspot

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



151, 170, 253



224, 230, 255



151, 253, 233



110, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



151, 170, 253



133, 155, 255



182, 151, 253



115, 117, 128



0, 36, 191



0, 12, 64

Inverse Universe

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



253, 151, 170



255, 133, 155



222, 253, 151



128, 115, 117



191, 0, 36



64, 0, 12

Previews

White Background



This preview shows how the RGB color 151, 170, 253 looks on a white background.

Color Contrast Check

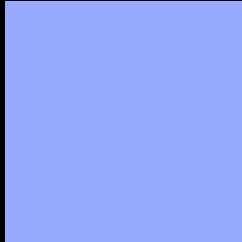
Large Text (above 18pt) WCAG AA × Fail

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 151, 170, 253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

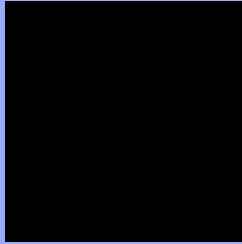
Any Text WCAG AA ✓ Pass

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 151, 170, 253 Background



This preview shows how black text looks on a background with the RGB color 151, 170, 253.



This preview shows how white text looks on a background with the RGB color 151, 170, 253.

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](#).

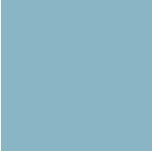
Dichromacy



Original Color
151, 170, 253

Protanopia
147, 171, 254

Deuteranopia
142, 172, 252



Tritanopia
137, 181, 196

Trichromacy



Original Color
151, 170, 253

Protanomaly
148, 171, 254

Deuteranomaly
145, 171, 252

Tritanomaly
142, 177, 217

Monochromacy



Original Color
151, 170, 253

Achromatopsia
174, 174, 174

Achromatomaly
166, 173, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 170, 253 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, 170, 253)` looks like.

```
.text, #text, p{  
    color:rgb(151, 170, 253)  
}
```

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, 170, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 170, 253) }
```

Border

The CSS property to change the border of an element to RGB 151, 170, 253 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, 170, 253) }
```

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

```
.border{ border-color:rgb(151, 170, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 170, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 170, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 170, 253);  
box-shadow:4px 4px 4px 4px rgb(151, 170,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 151, 170, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 170, 253) }
```

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

```
.background{ background-color: rgb(151,  
170, 253) }
```

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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