

Converting Colors

RGB(151, 146, 245)

Have a look what the booklet for
RGB(151, 146, 245) contains.

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Color

RGB(151, 146, 245)

Conversions

Conversions Part 1

Format	Color
Hex	9792F5
RGB	151, 146, 245
RGB Percent	59%, 57%, 96%
CMY	0.4078, 0.4275, 0.0392
CMYK	0.38, 0.40, 0.00, 0.04
HSL	243°, 83%, 77%
HSV	243°, 40%, 96%
XYZ	39.5228, 33.7297, 90.8136
YIQ	158.7810, -28.7990, 31.8490

Conversions

Conversions Part 2

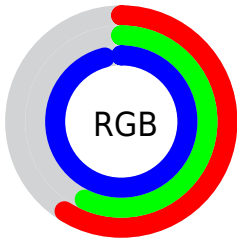
Format	Color
R_{YB}	151, 146, 245
Decimal	9933557
CIE _{Lab}	64.75, 25.15, -49.04
CIE _{LCh}	65, 55.114, 297.150
Yxy	33.7297, 0.2409, 0.2056
Android (android.graphics.Color)	4288123637 (0xFF9792F5)
YUV	158.7810, 42.5060, -6.8239
Hunter-Lab	58.0772, 19.8380, -52.0559

Details

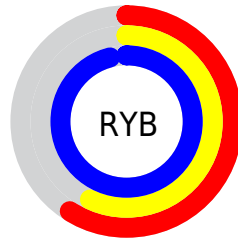
The RGB color **151, 146, 245** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **240, 245, 146**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **208, 200, 255**, and **95, 96, 188** is the 20% darker color. If you saturate the color by 10%, you get **128, 122, 245**, and if you desaturate by 10%, it is **174, 171, 245**.

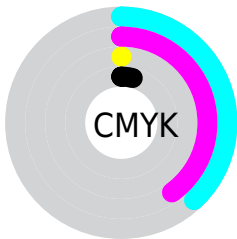
Distribution



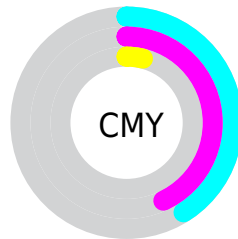
- Red (59%)
- Green (57%)
- Blue (96%)



- Red (59%)
- Yellow (57%)
- Blue (96%)



- Cyan (38%)
- Magenta (40%)
- Yellow (0%)
- Black (4%)



- Cyan (41%)
- Magenta (43%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 146, 245 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, 146, 245 by changing the saturation by 10% instead.

 151, 146, 245

255, 255, 255

 208, 200, 255

 238, 228, 255

 151, 146, 245


 123, 120, 216

 95, 96, 188


 67, 72, 161


 36, 49, 134

 0, 29, 108

 0, 7, 83

 0, 4, 59

 0, 2, 37

 0, 1, 13

■ 151, 146, 245

■ 151, 146, 245

■ 128, 122, 245

■ 174, 171, 245

■ 104, 97, 245

■ 198, 195, 245

■ 81, 72, 245

■ 221, 220, 245

■ 58, 48, 245

■ 244, 244, 245

■ 35, 23, 245

■ 255, 255, 245

■ 12, 0, 245

Harmonies

Analogous

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



0, 164, 255



151, 146, 245



213, 126, 211

Triad

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



151, 146, 245



226, 134, 75



0, 181, 151

Complementary

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



151, 146, 245



240, 245, 146

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.



75, 177, 101



151, 146, 245



188, 153, 53

Square

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



151, 146, 245



246, 118, 115



140, 167, 64



0, 181, 201

Rectangle

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



151, 146, 245



237, 116, 180



140, 167, 64



0, 180, 133

Sweetspot

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



151, 146, 245



226, 224, 255



146, 240, 245



111, 110, 128



0, 0, 0



128, 128, 128

Same Dimension

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



151, 146, 245



139, 133, 255



200, 146, 245



111, 110, 122



9, 0, 186



3, 0, 59

Inverse Universe

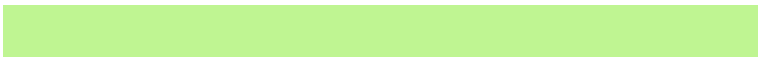
The Inverse Universe completely reimagines the original color for something new.



245, 146, 240



255, 133, 249



191, 245, 146



122, 110, 122



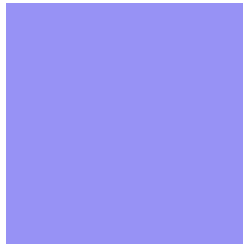
186, 0, 177



59, 0, 56

Previews

White Background



This preview shows how the RGB color 151, 146, 245 looks on a white background.

Color Contrast Check

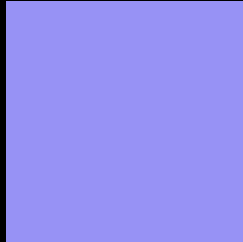
Large Text (above 18pt) WCAG AA × Fail

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, 146, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

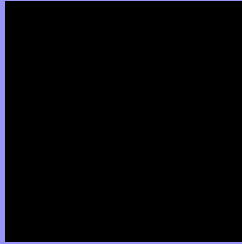
Any Text WCAG AA ✓ Pass

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, 146, 245 Background



This preview shows how black text looks on a background with the RGB color 151, 146, 245.

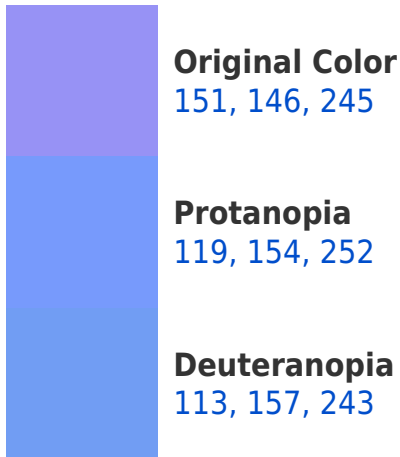


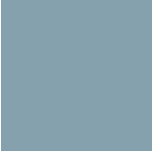
This preview shows how white text looks on a background with the RGB color 151, 146, 245.

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
134, 161, 174

Trichromacy



Original Color
151, 146, 245

Protanomaly
131, 151, 249

Deuteranomaly
127, 153, 244

Tritanomaly
140, 156, 200

Monochromacy



Original Color
151, 146, 245

Achromatopsia
159, 159, 159

Achromatomaly
156, 154, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 146, 245 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, 146, 245)` looks like.

```
.text, #text, p{  
    color:rgb(151, 146, 245)  
}
```

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, 146, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 146, 245) }
```

Border

The CSS property to change the border of an element to RGB 151, 146, 245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

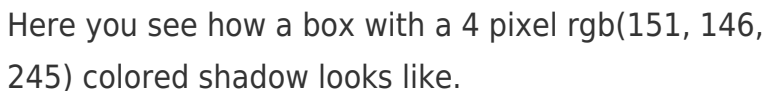
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 146, 245) }
```

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

```
.border{ border-color:rgb(151, 146, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 146, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 146, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 146, 245);  
box-shadow:4px 4px 4px 4px rgb(151, 146,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 151, 146, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 146, 245) }
```

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

```
.background{ background-color: rgb(151,  
146, 245) }
```

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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