

Converting Colors

RGB(154, 172, 254)

Have a look what the booklet for
RGB(154, 172, 254) contains.

RGB(154, 172, 254)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(154, 172, 254)

Conversions

Conversions Part 1

Format	Color
Hex	9AACFE
RGB	154, 172, 254
RGB Percent	60%, 67%, 100%
CMY	0.3961, 0.3255, 0.0039
CMYK	0.39, 0.32, 0.00, 0.00
HSL	229°, 98%, 80%
HSV	229°, 39%, 100%
XYZ	45.9683, 43.5308, 99.7454
YIQ	175.9660, -37.0500, 21.6860

Conversions

Conversions Part 2

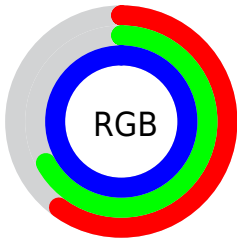
Format	Color
RYB	154, 169, 254
Decimal	10136830
CIELab	71.91, 13.53, -42.67
CIELCh	72, 44.761, 287.600
Yxy	43.5308, 0.2429, 0.2300
Android (android.graphics.Color)	4288326910 (0xFF9AACFE)
YUV	175.9660, 38.4708, -19.2642
Hunter-Lab	65.9779, 8.9038, -43.4501

Details

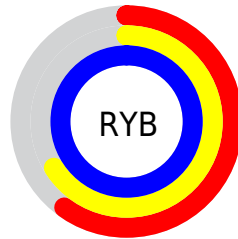
The RGB color **154, 172, 254** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **254, 236, 154**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **211, 227, 255**, and **98, 120, 197** is the 20% darker color. If you saturate the color by 10%, you get **129, 151, 254**, and if you desaturate by 10%, it is **179, 193, 254**.

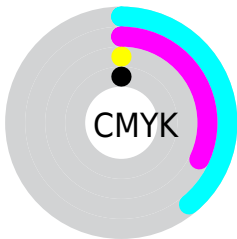
Distribution



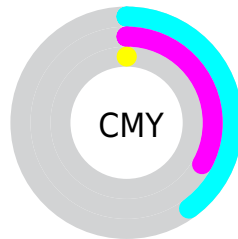
- Red (60%)
- Green (67%)
- Blue (100%)



- Red (60%)
- Yellow (66%)
- Blue (100%)



- Cyan (39%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)




- Cyan (40%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 154, 172, 254 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 154, 172, 254 by changing the saturation by 10% instead.


 154, 172, 254


255, 255, 255


 211, 227, 255

 241, 255, 255

 154, 172, 254


 126, 146, 225

 98, 120, 197

 70, 95, 169

 40, 72, 143

 0, 50, 117

 0, 30, 92

 0, 4, 68

 0, 3, 44

 0, 1, 23

■ 154, 172, 254

■ 154, 172, 254

■ 129, 151, 254

■ 179, 193, 254

■ 103, 130, 254

■ 205, 214, 254

■ 78, 110, 254

■ 230, 234, 254

■ 52, 89, 254

255, 255, 254

■ 27, 68, 254

■ 2, 47, 254

■ 0, 46, 254

Harmonies

Analogous

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



73, 185, 255



154, 172, 254



210, 157, 232

Triad

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



154, 172, 254



244, 154, 118



72, 197, 157

Complementary

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



154, 172, 254



254, 236, 154

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.



132, 191, 119



154, 172, 254



217, 168, 96

Square

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



154, 172, 254



255, 144, 154



178, 181, 96



0, 198, 200

Rectangle

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



154, 172, 254



236, 148, 208



178, 181, 96



95, 195, 144

Sweetspot

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



154, 172, 254



224, 230, 255



154, 254, 236



110, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



154, 172, 254



135, 157, 255



186, 154, 254



115, 117, 128



0, 34, 191



0, 11, 64

Inverse Universe

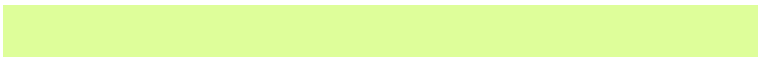
The Inverse Universe completely reimagines the original color for something new.



254, 154, 172



255, 135, 157



222, 254, 154



128, 115, 117



191, 0, 34



64, 0, 11

Previews

White Background



This preview shows how the RGB color 154, 172, 254 looks on a white background.

Color Contrast Check

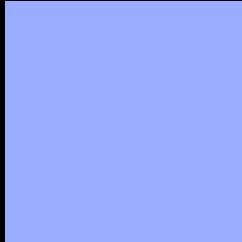
Large Text (above 18pt) WCAG AA × Fail

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 154, 172, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

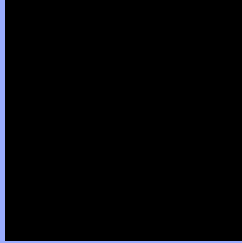
Any Text WCAG AA ✓ Pass

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 154, 172, 254 Background



This preview shows how black text looks on a background with the RGB color 154, 172, 254.



This preview shows how white text looks on a background with the RGB color 154, 172, 254.

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](#).

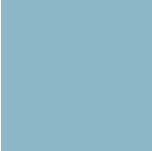
Dichromacy



Original Color
154, 172, 254

Protanopia
149, 173, 255

Deuteranopia
145, 174, 253



Tritanopia
140, 183, 198

Trichromacy



Original Color
154, 172, 254

Protanomaly
151, 173, 255

Deuteranomaly
148, 173, 253

Tritanomaly
145, 179, 218

Monochromacy



Original Color
154, 172, 254

Achromatopsia
176, 176, 176

Achromatomaly
168, 175, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 172, 254 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(154, 172, 254)` looks like.

```
.text, #text, p{  
    color:rgb(154, 172, 254)  
}
```

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(154, 172, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 172, 254) }
```

Border

The CSS property to change the border of an element to RGB 154, 172, 254 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(154, 172, 254) }
```

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

```
.border{ border-color:rgb(154, 172, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 172, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 172, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 172, 254);  
box-shadow:4px 4px 4px 4px rgb(154, 172,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 154, 172, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 172, 254) }
```

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

```
.background{ background-color: rgb(154,  
172, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor