

Converting Colors

RGB(155, 173, 242)

Have a look what the booklet for
RGB(155, 173, 242) contains.

RGB(155, 173, 242)	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(155, 173, 242)

Conversions

Conversions Part 1

Format	Color
Hex	9BADF2
RGB	155, 173, 242
RGB Percent	61%, 68%, 95%
CMY	0.3922, 0.3216, 0.0510
CMYK	0.36, 0.29, 0.00, 0.05
HSL	228°, 77%, 78%
HSV	228°, 36%, 95%
XYZ	44.4882, 43.2665, 90.0109
YIQ	175.4840, -32.8770, 17.6430

Conversions

Conversions Part 2

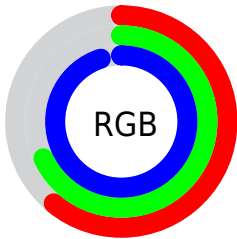
Format	Color
RYB	155, 170, 242
Decimal	10202610
CIELab	71.74, 10.04, -36.44
CIElCh	72, 37.796, 285.412
Yxy	43.2665, 0.2503, 0.2434
Android (android.graphics.Color)	4288392690 (0xFF9BADF2)
YUV	175.4840, 32.7924, -17.9645
Hunter-Lab	65.7773, 5.6174, -35.0895

Details

The RGB color **155, 173, 242** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **242, 224, 155**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **212, 228, 255**, and **100, 121, 186** is the 20% darker color. If you saturate the color by 10%, you get **131, 154, 242**, and if you desaturate by 10%, it is **179, 192, 242**.

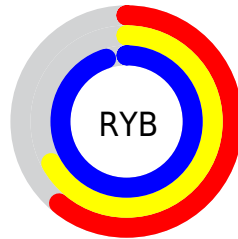
Distribution



Red (61%)

Green (68%)

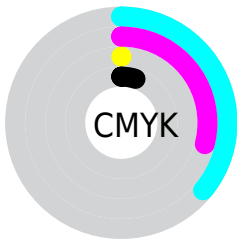
Blue (95%)



Red (61%)

Yellow (67%)

Blue (95%)

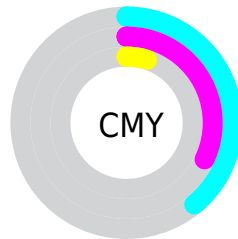


Cyan (36%)

Magenta (29%)

Yellow (0%)

Black (5%)



Cyan (39%)


Magenta (32%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 155, 173, 242 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 155, 173, 242 by changing the saturation by 10% instead.

 155, 173, 242


255, 255, 255

 212, 228, 255

 241, 255, 255

 155, 173, 242


 128, 147, 213

 100, 121, 186

 73, 96, 158

 46, 73, 132

 10, 51, 107

 0, 30, 82

 0, 4, 59

 0, 2, 36

 0, 0, 12

■ 155, 173, 242

■ 155, 173, 242

■ 131, 154, 242

■ 179, 192, 242

■ 107, 135, 242

■ 203, 211, 242

■ 82, 115, 242

■ 228, 231, 242

■ 58, 96, 242

■ 252, 250, 242

■ 34, 77, 242

■ 255, 255, 242

■ 10, 58, 242

■ 0, 50, 242

Harmonies

Analogous

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



97, 184, 242



155, 173, 242



202, 160, 224

Triad

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



155, 173, 242



236, 156, 128



99, 193, 157

Complementary

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



155, 173, 242



242, 224, 155

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.



142, 188, 126



155, 173, 242



213, 168, 109

Square

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



155, 173, 242



243, 149, 159



181, 179, 108



51, 194, 193

Rectangle

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



155, 173, 242



224, 153, 205



181, 179, 108



114, 192, 146

Sweetspot

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



155, 173, 242



227, 233, 255



155, 242, 223



111, 114, 128



0, 0, 0



128, 128, 128

Same Dimension

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



155, 173, 242



145, 168, 255



180, 155, 242



108, 110, 120



0, 38, 184



0, 12, 56

Inverse Universe

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



242, 155, 173



255, 145, 168



217, 242, 155



120, 108, 110



184, 0, 38



56, 0, 12

Previews

White Background



This preview shows how the RGB color 155, 173, 242 looks on a white background.

Color Contrast Check

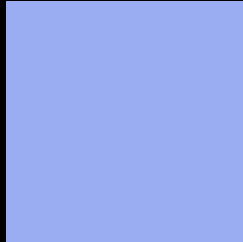
Large Text (above 18pt) WCAG AA × Fail

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 155, 173, 242 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 155, 173, 242 Background



This preview shows how black text looks on a background with the RGB color 155, 173, 242.



This preview shows how white text looks on a background with the RGB color 155, 173, 242.

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](#).

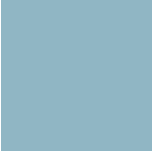
Dichromacy



Original Color
155, 173, 242

Protanopia
155, 173, 242

Deuteranopia
154, 173, 242



Tritanopia

144, 182, 196

Trichromacy



Original Color
155, 173, 242

Protanomaly
155, 173, 242

Deuteranomaly
154, 173, 242

Tritanomaly
148, 179, 213

Monochromacy



Original Color
155, 173, 242

Achromatopsia
175, 175, 175

Achromatomaly
168, 174, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 173, 242 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(155, 173, 242)` looks like.

```
.text, #text, p{  
    color:rgb(155, 173, 242)  
}
```

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(155, 173, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 173, 242) }
```

Border

The CSS property to change the border of an element to RGB 155, 173, 242 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(155, 173, 242) }
```

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

```
.border{ border-color:rgb(155, 173, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 173, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 173, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 173, 242);  
box-shadow:4px 4px 4px 4px rgb(155, 173,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 155, 173, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 173, 242) }
```

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

```
.background{ background-color: rgb(155,  
173, 242) }
```

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