

Converting Colors

RGB(155, 140, 224)

Have a look what the booklet for
RGB(155, 140, 224) contains.

RGB(155, 140, 224)	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, 140, 224)

Conversions

Conversions Part 1

Format	Color
Hex	9B8CE0
RGB	155, 140, 224
RGB Percent	61%, 55%, 88%
CMY	0.3922, 0.4510, 0.1216
CMYK	0.31, 0.37, 0.00, 0.12
HSL	251°, 58%, 71%
HSV	251°, 37%, 88%
XYZ	36.3502, 31.1065, 74.6093
YIQ	154.0610, -18.0240, 29.3040

Conversions

Conversions Part 2

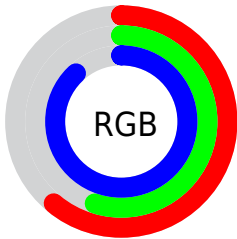
Format	Color
R_{YB}	155, 140, 224
Decimal	10194144
CIE _{Lab}	62.60, 24.15, -40.81
CIE _{LCh}	63, 47.420, 300.616
Yxy	31.1065, 0.2559, 0.2190
Android (android.graphics.Color)	4288384224 (0xFF9B8CE0)
YUV	154.0610, 34.4799, 0.8235
Hunter-Lab	55.7732, 18.7342, -40.2725

Details

The RGB color **155, 140, 224** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **209, 224, 140**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **211, 194, 255**, and **101, 90, 168** is the 20% darker color. If you saturate the color by 10%, you get **137, 118, 224**, and if you desaturate by 10%, it is **173, 162, 224**.

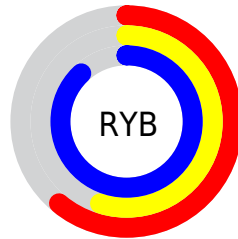
Distribution



Red (61%)

Green (55%)

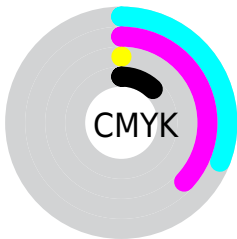
Blue (88%)



Red (61%)

Yellow (55%)

Blue (88%)

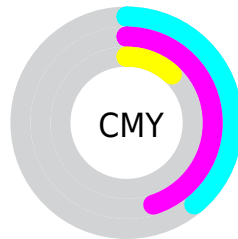


Cyan (31%)

Magenta (37%)

Yellow (0%)

Black (12%)



Cyan (39%)


Magenta (45%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the RGB color 155, 140, 224 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, 140, 224 by changing the saturation by 10% instead.

 155, 140, 224

255, 255, 255


 211, 194, 255

 240, 222, 255

 255, 250, 255

 155, 140, 224

 128, 114, 196

 101, 90, 168

 75, 66, 142

 48, 44, 116

 18, 23, 91

 0, 0, 67


 0, 3, 44

 0, 1, 22

 0, 0, 0


 155, 140, 224


 155, 140, 224

 137, 118, 224


 173, 162, 224

 118, 95, 224

 192, 185, 224

 100, 73, 224


 210, 207, 224

 81, 50, 224


 229, 230, 224

 63, 28, 224

 247, 252, 224

 45, 6, 224

 255, 255, 224

 40, 0, 224

Harmonies

Analogous

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



74, 156, 235



155, 140, 224



204, 124, 193

Triad

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



155, 140, 224



209, 134, 78



0, 173, 151

Complementary

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



155, 140, 224



209, 224, 140

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.



77, 169, 108



155, 140, 224



175, 149, 64

Square

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



155, 140, 224



228, 120, 111



132, 161, 76



0, 172, 193

Rectangle

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



155, 140, 224



223, 117, 166



132, 161, 76



0, 172, 136

Sweetspot

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



155, 140, 224



232, 227, 255



140, 210, 224



114, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



155, 140, 224



161, 140, 255



196, 140, 224



103, 101, 112



31, 0, 176



9, 0, 48

Inverse Universe

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



224, 140, 209



255, 140, 235



168, 224, 140



112, 101, 110



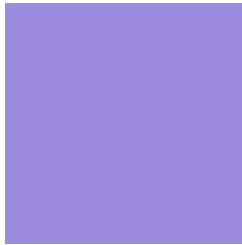
176, 0, 145



48, 0, 40

Previews

White Background



This preview shows how the RGB color 155, 140, 224 looks on a white background.

Color Contrast Check

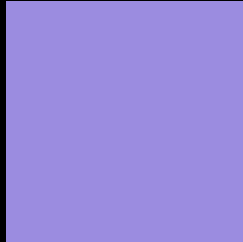
Large Text (above 18pt) WCAG AA × Fail

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, 140, 224 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, 140, 224 Background



This preview shows how black text looks on a background with the RGB color 155, 140, 224.

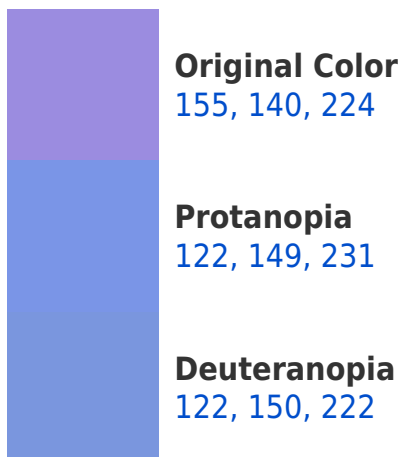


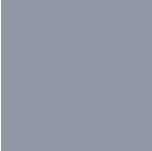
This preview shows how white text looks on a background with the RGB color 155, 140, 224.

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
143, 152, 164

Trichromacy



Original Color
155, 140, 224

Protanomaly
134, 146, 228

Deuteranomaly
134, 146, 223

Tritanomaly
147, 148, 186

Monochromacy



Original Color
155, 140, 224

Achromatopsia
154, 154, 154

Achromatomaly
154, 149, 179

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 140, 224 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, 140, 224)` looks like.

```
.text, #text, p{  
    color:rgb(155, 140, 224)  
}
```

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, 140, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 140, 224) }
```

Border

The CSS property to change the border of an element to RGB 155, 140, 224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

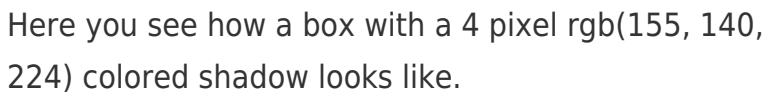
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 140, 224) }
```

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

```
.border{ border-color:rgb(155, 140, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 140, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 140, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 140, 224); box-shadow:4px 4px 4px 4px rgb(155, 140, 224) }
```

Background

The CSS property to change the background color of an element to RGB 155, 140, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 140, 224) }
```

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

```
.background{ background-color: rgb(155,  
140, 224) }
```

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