

Converting Colors

RGB(174, 159, 245)

Have a look what the booklet for
RGB(174, 159, 245) contains.

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Color

RGB(174, 159, 245)

Conversions

Conversions Part 1

Format	Color
Hex	AE9FF5
RGB	174, 159, 245
RGB Percent	68%, 62%, 96%
CMY	0.3176, 0.3765, 0.0392
CMYK	0.29, 0.35, 0.00, 0.04
HSL	250°, 81%, 79%
HSV	250°, 35%, 96%
XYZ	46.3351, 40.3875, 91.7396
YIQ	173.2890, -18.6660, 29.9260

Conversions

Conversions Part 2

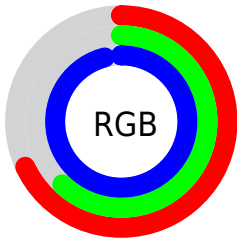
Format	Color
RYB	174, 159, 245
Decimal	11444213
CIELab	69.74, 23.93, -41.06
CIElCh	70, 47.525, 300.227
Yxy	40.3875, 0.2596, 0.2263
Android (android.graphics.Color)	4289634293 (0xFFAE9FF5)
YUV	173.2890, 35.3535, 0.6235
Hunter-Lab	63.5512, 18.9297, -41.1026

Details

The RGB color **174, 159, 245** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **230, 245, 159**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **231, 214, 255**, and **119, 108, 188** is the 20% darker color. If you saturate the color by 10%, you get **154, 135, 245**, and if you desaturate by 10%, it is **194, 184, 245**.

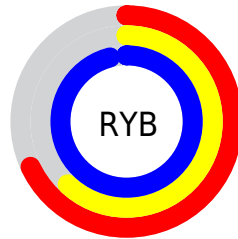
Distribution



Red (68%)

Green (62%)

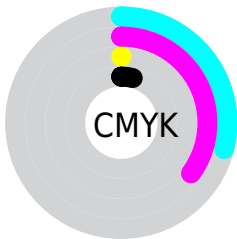
Blue (96%)



Red (68%)

Yellow (62%)

Blue (96%)

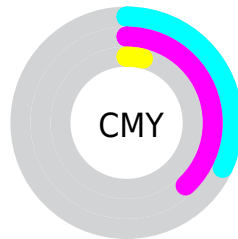


Cyan (29%)

Magenta (35%)

Yellow (0%)

Black (4%)



Cyan (32%)

Magenta (38%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 174, 159, 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 174, 159, 245 by changing the saturation by 10% instead.

 174, 159, 245

255, 255, 255

 231, 214, 255

 255, 242, 255

 174, 159, 245

 146, 133, 216

 119, 108, 188


 93, 83, 161

 66, 60, 134


 39, 38, 109

 4, 18, 84


 0, 0, 61


 0, 2, 38


 0, 1, 14

 174, 159, 245

 174, 159, 245

 154, 135, 245


 194, 184, 245

 134, 110, 245

 214, 208, 245

 113, 86, 245

 235, 233, 245


 93, 61, 245

 255, 255, 245

 73, 36, 245

 255, 255, 245

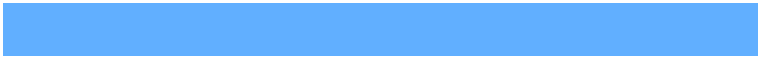
 53, 12, 245

 43, 0, 245

Harmonies

Analogous

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



97, 175, 255



174, 159, 245



224, 143, 214

Triad

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



174, 159, 245



230, 153, 96



0, 192, 169

Complementary

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



174, 159, 245



230, 245, 159

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.



98, 189, 126



174, 159, 245



196, 168, 82

Square

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



174, 159, 245



250, 139, 129



152, 181, 93



0, 192, 212

Rectangle

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



174, 159, 245



244, 136, 186



152, 181, 93



41, 192, 154

Sweetspot

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



174, 159, 245



232, 227, 255



159, 231, 245



114, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



174, 159, 245



167, 148, 255



216, 159, 245



112, 110, 122



32, 0, 186



10, 0, 59

Inverse Universe

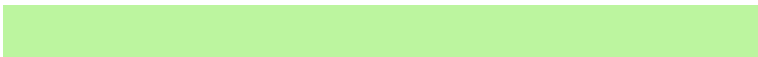
The Inverse Universe completely reimagines the original color for something new.



245, 159, 230



255, 148, 236



188, 245, 159



122, 110, 120



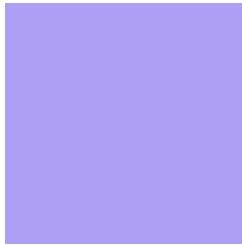
186, 0, 154



59, 0, 48

Previews

White Background



This preview shows how the RGB color 174, 159, 245 looks on a white background.

Color Contrast Check

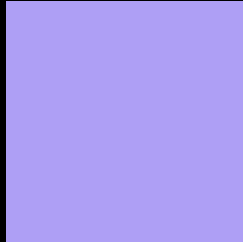
Large Text (above 18pt) WCAG AA × Fail

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 174, 159, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

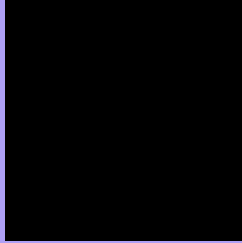
Any Text WCAG AA ✓ Pass

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 174, 159, 245 Background



This preview shows how black text looks on a background with the RGB color 174, 159, 245.



This preview shows how white text looks on a background with the RGB color 174, 159, 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
162, 171, 185

Trichromacy



Original Color
174, 159, 245

Protanomaly
154, 165, 249

Deuteranomaly
154, 165, 244

Tritanomaly
166, 167, 207

Monochromacy



Original Color
174, 159, 245

Achromatopsia
173, 173, 173

Achromatomaly
173, 168, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 159, 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(174, 159, 245)` looks like.

```
.text, #text, p{  
    color:rgb(174, 159, 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(174, 159, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 159, 245) }
```

Border

The CSS property to change the border of an element to RGB 174, 159, 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(174, 159, 245) }
```

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

```
.border{ border-color:rgb(174, 159, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 159, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 159, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 159, 245);  
box-shadow:4px 4px 4px 4px rgb(174, 159,  
245) }
```

Background

The CSS property to change the background color of an element to RGB 174, 159, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 159, 245) }
```

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

```
.background{ background-color: rgb(174,  
159, 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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