

Converting Colors

RGB(159, 146, 232)

Have a look what the booklet for
RGB(159, 146, 232) contains.

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Color

RGB(159, 146, 232)

Conversions

Conversions Part 1

Format	Color
Hex	9F92E8
RGB	159, 146, 232
RGB Percent	62%, 57%, 91%
CMY	0.3765, 0.4275, 0.0902
CMYK	0.31, 0.37, 0.00, 0.09
HSL	249°, 65%, 74%
HSV	249°, 37%, 91%
XYZ	39.1424, 33.7549, 80.7962
YIQ	159.6910, -19.8580, 29.5020

Conversions

Conversions Part 2

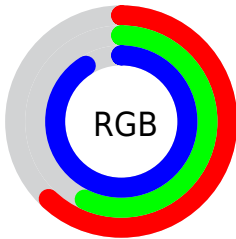
Format	Color
R _Y B	159, 146, 232
Decimal	10457832
CIE _{Lab}	64.77, 23.86, -41.81
CIE _{LCh}	65, 48.142, 299.712
Y _{xy}	33.7549, 0.2547, 0.2196
Android (android.graphics.Color)	4288647912 (0xFF9F92E8)
YUV	159.6910, 35.6483, -0.6060
Hunter-Lab	58.0990, 18.5859, -41.7833

Details

The RGB color **159, 146, 232** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **219, 232, 146**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **216, 200, 255**, and **105, 95, 176** is the 20% darker color. If you saturate the color by 10%, you get **139, 123, 232**, and if you desaturate by 10%, it is **179, 169, 232**.

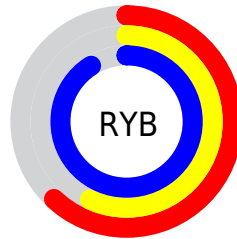
Distribution



Red (62%)

Green (57%)

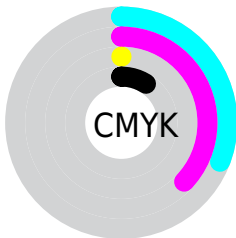
Blue (91%)



Red (62%)

Yellow (57%)

Blue (91%)

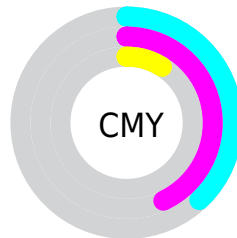


Cyan (31%)

Magenta (37%)

Yellow (0%)

Black (9%)



Cyan (38%)

Magenta (43%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 146, 232 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 159, 146, 232 by changing the saturation by 10% instead.


 159, 146, 232


255, 255, 255

 216, 200, 255

 245, 228, 255

 159, 146, 232

 132, 120, 204

 105, 95, 176

 78, 72, 149

 51, 49, 123


 22, 28, 97

 0, 6, 73

 0, 3, 50

 0, 1, 28


 0, 0, 0

 159, 146, 232


 159, 146, 232

 139, 123, 232

 179, 169, 232

 120, 100, 232


 198, 192, 232

 100, 76, 232


 218, 216, 232

 80, 53, 232

 238, 239, 232

 61, 30, 232

 255, 255, 232

 41, 7, 232

 35, 0, 232

Harmonies

Analogous

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



76, 162, 243



159, 146, 232



210, 130, 201

Triad

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



159, 146, 232



217, 139, 83



0, 179, 155

Complementary

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



159, 146, 232



219, 232, 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.



84, 175, 112



159, 146, 232



183, 155, 68

Square

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



159, 146, 232



236, 125, 117



139, 167, 79



0, 178, 198

Rectangle

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



159, 146, 232



229, 122, 174



139, 167, 79



1, 178, 140

Sweetspot

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



159, 146, 232



231, 227, 255



146, 219, 232



113, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



159, 146, 232



160, 143, 255



202, 146, 232



105, 103, 115



27, 0, 179



8, 0, 51

Inverse Universe

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



232, 146, 219



255, 143, 238



176, 232, 146



115, 103, 113



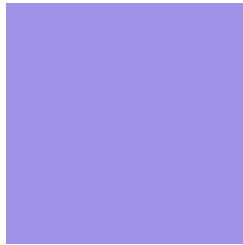
179, 0, 152



51, 0, 43

Previews

White Background



This preview shows how the RGB color 159, 146, 232 looks on a white background.

Color Contrast Check

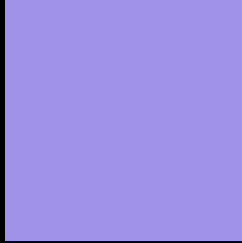
Large Text (above 18pt) WCAG AA × Fail

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 159, 146, 232 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 159, 146, 232 Background



This preview shows how black text looks on a background with the RGB color 159, 146, 232.

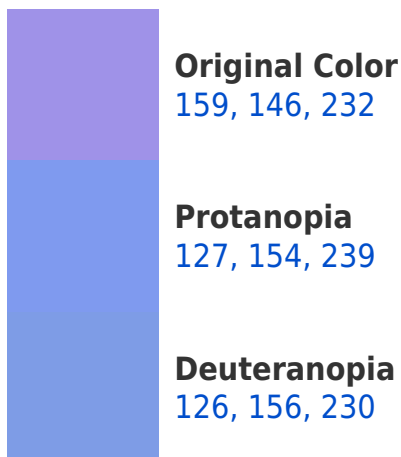


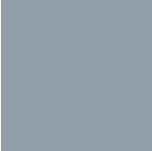
This preview shows how white text looks on a background with the RGB color 159, 146, 232.

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
146, 159, 171

Trichromacy



Original Color
159, 146, 232

Protanomaly
139, 151, 236

Deuteranomaly
138, 152, 231

Tritanomaly
151, 154, 193

Monochromacy



Original Color
159, 146, 232

Achromatopsia
160, 160, 160

Achromatomaly
160, 155, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 146, 232 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(159, 146, 232)` looks like.

```
.text, #text, p{  
    color:rgb(159, 146, 232)  
}
```

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(159, 146, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 146, 232) }
```

Border

The CSS property to change the border of an element to RGB 159, 146, 232 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(159, 146, 232) }
```

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

```
.border{ border-color:rgb(159, 146, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 146, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 146, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 146, 232);  
box-shadow:4px 4px 4px 4px rgb(159, 146,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 159, 146, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 146, 232) }
```

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

```
.background{ background-color: rgb(159,  
146, 232) }
```

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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