

# Converting Colors

HunterLab(58.8383, 19.2476,  
-48.8522)

Have a look what the booklet for  
HunterLab(58.8383, 19.2476,  
-48.8522) contains.

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# Color

**HunterLab(58.8383, 19.2476,  
-48.8522)**

# Conversions

Conversions Part 1	
Format	Color
Hex	9B94F3
RGB	155, 148, 243
RGB Percent	61%, 58%, 95%
CMY	0.3921, 0.4196, 0.0471
CMYK	0.36, 0.39, 0.00, 0.05
HSL	244°, 80%, 77%
HSV	244°, 39%, 95%
XYZ	40.2852, 34.6195, 89.3530
YIQ	160.9230, -26.3230, 31.0290

# Conversions

## Conversions Part 2

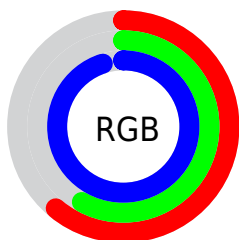
Format	Color
<a href="#">RYB</a>	<a href="#">155, 148, 243</a>
Decimal	<a href="#">10196211</a>
CIELab	<a href="#">65.45, 24.50, -46.81</a>
CIELCh	<a href="#">65, 52.835, 297.625</a>
Yxy	<a href="#">34.6207, 0.2453, 0.2108</a>
Android (android.graphics.Color)	<a href="#">4288386291</a> (0xFF9B94F3)
YUV	<a href="#">160.9230, 40.4640, -5.1945</a>
Hunter-Lab	<a href="#">58.8383, 19.2476, -48.8522</a>

# Details

The HunterLab color **58.8383, 19.2476, -48.8522** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **91.6912, -20.3161, 38.0267**, and the grayscale version is **59.5163, -3.1756, 3.2336**.

A 20% lighter version of the original color is **79.6606, 9.2052, -21.1673**, and **38.4758, 17.9983, -47.5610** is the 20% darker color. If you saturate the color by 10%, you get **50.7519, 27.0432, -67.3135**, and if you desaturate by 10%, it is **67.4530, 12.2515, -32.7544**.

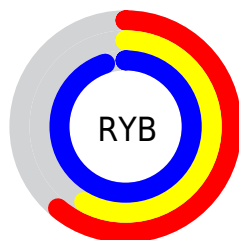
# Distribution



Red (61%)

Green (58%)

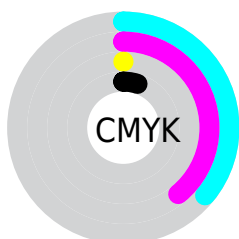
Blue (95%)



Red (61%)

Yellow (58%)

Blue (95%)

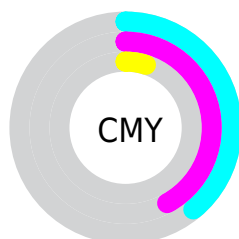


Cyan (36%)

Magenta (39%)

Yellow (0%)

Black (5%)



Cyan (39%)

Magenta (42%)


Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.8383, 19.2476, -48.8522 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 HunterLab color 58.8383, 19.2476, -48.8522 by changing the saturation by 10% instead.





 58.8383, 19.2476,  
-48.8522


 58.8383, 19.2476,  
-48.8522

179.6917, 21.7381,  
-54.5167

 48.3434, 18.5892,  
-48.1763


 81.7911, 20.2853,  
-50.2977

 38.5585, 17.8229,  
-47.6186


 94.1774, 20.6830,  
-51.0097

 29.5407, 16.9339,  
-47.3150


107.1326, 21.0091,  
-51.6935

 21.3617, 15.9048,  
-47.5588

120.6328, 21.2694,  
-52.3418

 14.1186, 14.7200,  
-49.0744

134.6567, 21.4686,  
-52.9500

 7.7692, 14.3595,  
-55.6817

149.1856, 21.6109,

0.0000, INF, -NF

-53.5159

0.0000, NaN, -NF

164.2024, 21.6997,  
-54.0382

0.0000, NaN, -NF

■ 58.8383, 19.2476,  
-48.8522

■ 58.8383, 19.2476,  
-48.8522

■ 50.7519, 27.0432,  
-67.3135

■ 67.4530, 12.2515,  
-32.7544

■ 43.3421, 35.7868,  
-88.6617

■ 76.4892, 5.8822,  
-18.4927

■ 36.8326, 45.4360,  
-113.0038

■ 85.8758, -0.0094,  
-5.6275

■ 31.5345, 55.3682,  
-139.0273

■ 95.5608, -5.5403,  
6.1769

■ 27.8106, 63.8596,  
-162.5208

■ 99.6249, -7.3948,  
10.7948

■ 25.8207, 68.8039,  
-177.5918

■ 25.6882, 69.1821,  
-178.6715

# Harmonies

## Analogous

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



58.8394, -4.9983, -57.7524



58.8383, 19.2476, -48.8522



58.8394, 39.9634, -24.6884

# Triad

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



58.8394, 19.2473, -48.8506



58.8394, 22.9861, 29.1248



58.8394, -41.7411, 4.9515

# Complementary

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



58.8383, 19.2476, -48.8522



91.6912, -20.3161, 38.0267

# 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.



58.8394, -36.5732, 21.8449



58.8383, 19.2476, -48.8522



58.8394, -1.2638, 31.9540

# Square

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



58.8394, 19.2473, -48.8506



58.8394, 42.3486, 19.8160



58.8394, -22.6162, 29.9329



58.8394, -37.9858, -20.3464



# Rectangle

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



58.8383, 19.2476, -48.8522



58.8394, 47.6667, -6.7455



58.8394, -22.6162, 29.9329



58.8394, -41.0103, 11.6695

# Sweetspot

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



58.8394, 19.2473, -48.8506



87.7619, 1.7735, -9.8054



85.5239, -27.4043, -6.5648



39.9989, 1.1936, -5.3483

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



58.8394, 19.2473, -48.8506



55.2427, 26.8652, -67.0285



63.3919, 32.8979, -39.6702



39.9813, 0.1012, -2.8595



19.0858, 51.2928, -131.9116



5.8313, 15.3391, -37.7260



# Inverse Universe

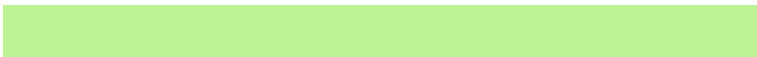
The Inverse Universe completely reimagines the original color for something new.



68.0380, 45.4111, -26.4338



67.3008, 58.8257, -34.4292



87.7954, -34.8570, 34.5677



40.9219, 3.2287, -1.1688



36.6784, 70.9786, -39.5987

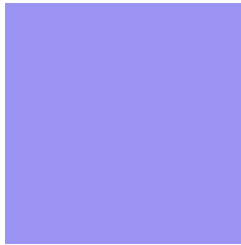


10.9022, 21.1416, -12.1121



# Previews

## White Background



This preview shows how the HunterLab color 58.8383, 19.2476, -48.8522 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

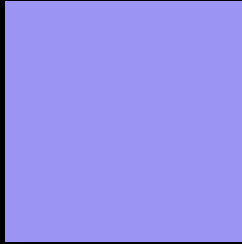
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 58.8383, 19.2476, -48.8522 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](#).

## HunterLab 58.8383, 19.2476, -48.8522 Background



This preview shows how black text looks on a background with the HunterLab color 58.8383, 19.2476, -48.8522.



This preview shows how white text looks on a background with the HunterLab color 58.8383, 19.2476, -48.8522.



# 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

58.8383, 19.2476, -48.8522

### Protanopia

59.1305, 9.5917, -54.0826

### Deuteranopia

58.9895, 5.2483, -47.2020



## Tritanopia

58.7463, -7.1743, -4.8592

# Trichromacy



**Original Color**  
58.8383, 19.2476, -48.8522

**Protanomaly**  
58.8632, 12.7425, -52.1394

**Deuteranomaly**  
58.7440, 10.4029, -48.4053

**Tritanomaly**  
58.5695, 1.6097, -19.1974

# Monochromacy



**Original Color**  
58.8383, 19.2476, -48.8522

**Achromatopsia**  
59.6993, -3.1854, 3.2436

**Achromatomaly**  
59.0842, 4.1255, -12.9822

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.8383, 19.2476, -48.8522 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, 148, 243)` looks like.

```
.text, #text, p{  
    color:rgb(155, 148, 243)  
}
```

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, 148, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 148, 243) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.8383, 19.2476, -48.8522 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, 148, 243) }
```



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

```
.border{ border-color:rgb(155, 148, 243) }
```

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

Here you see how a box with a 4 pixel rgb(155, 148, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 148, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 148, 243);  
box-shadow:4px 4px 4px 4px rgb(155, 148,  
243) }
```

# Background

The CSS property to change the background color of an element to HunterLab 58.8383, 19.2476, -48.8522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 148, 243) }
```

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

```
.background{ background-color: rgb(155,  
148, 243) }
```

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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