

# Converting Colors

HunterLab(63.7796, 18.0734,  
-46.7368)

Have a look what the booklet for  
HunterLab(63.7796, 18.0734,  
-46.7368) contains.

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# Color

**HunterLab(63.8726, 17.9239,  
-46.5895)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A7A1FD
RGB	167, 161, 253
RGB Percent	65%, 63%, 99%
CMY	0.3451, 0.3686, 0.0078
CMYK	0.34, 0.36, 0.00, 0.01
HSL	244°, 96%, 81%
HSV	244°, 36%, 99%
XYZ	46.4109, 40.7971, 98.3570
YIQ	173.2820, -25.9560, 29.8840

# Conversions

## Conversions Part 2

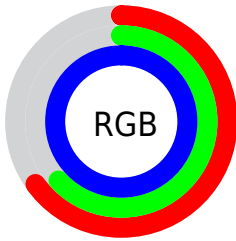
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">167, 161, 253</a>
Decimal	<a href="#">10985981</a>
CIELab	<a href="#">70.03, 22.89, -45.00</a>
CIElCh	<a href="#">70, 50.490, 296.965</a>
Yxy	<a href="#">40.7986, 0.2501, 0.2199</a>
Android (android.graphics.Color)	<a href="#">4289176061 (0xFFA7A1FD)</a>
YUV	<a href="#">173.2820, 39.3010, -5.5093</a>
Hunter-Lab	<a href="#">63.8726, 17.9239, -46.5895</a>

# Details

The HunterLab color  $63.8726, 17.9239, -46.5895$  is a light color, and the websafe version is hex  $9999FF$ . A complement of this color would be  $96.2282, -20.1566, 38.1665$ , and the grayscale version is  $64.6121, -3.4475, 3.5105$ .

A 20% lighter version of the original color is  $84.9582, 5.4261, -13.5783$ , and  $42.8574, 17.1061, -45.5408$  is the 20% darker color. If you saturate the color by 10%, you get  $55.2159, 25.8332, -65.3100$ , and if you desaturate by 10%, it is  $73.0542, 10.8213, -30.2153$ .

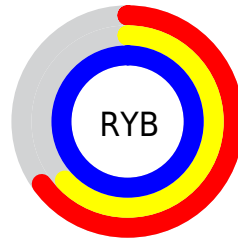
# Distribution



Red (65%)

Green (63%)

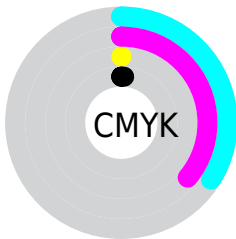
Blue (99%)



Red (65%)

Yellow (63%)

Blue (99%)

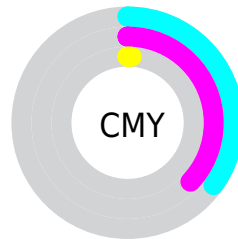


Cyan (34%)

Magenta (36%)

Yellow (0%)

Black (1%)



Cyan (35%)

Magenta (37%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.8726, 17.9239, -46.5895 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 63.8726, 17.9239, -46.5895 by changing the saturation by 10% instead.



■ 63.8726, 17.9239,  
-46.5895

■ 63.8726, 17.9239,  
-46.5895

186.9434, 19.5992,  
-51.8579

■ 53.0677, 17.3824,  
-45.8877

■ 87.3946, 18.7484,  
-48.0022

■ 42.9507, 16.7418,  
-45.2477

■ 100.0448, 19.0483,  
-48.6757

■ 33.5736, 15.9882,  
-44.7567

113.2525, 19.2813,  
-49.3133

■ 25.0000, 15.1050,  
-44.5964

126.9951, 19.4527,  
-49.9102

■ 17.3138, 14.0731,  
-45.1842

141.2527, 19.5668,  
-50.4639

■ 10.6326, 12.8784,  
-47.6781

156.0071, 19.6271,

■ 0.6190, 161.1349,

-50.9732

-499.3899

171.2423, 19.6370,  
-51.4378

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 63.8726, 17.9239,  
-46.5895

■ 63.8726, 17.9239,  
-46.5895

■ 55.2159, 25.8332,  
-65.3100

■ 73.0542, 10.8213,  
-30.2153

■ 47.2259, 34.7297,  
-86.9602

■ 82.6575, 4.3438,  
-15.6487

■ 40.1184, 44.6566,  
-111.8354

■ 92.6139, -1.6601,  
-2.4527

■ 34.1999, 55.1739,  
-139.0655

99.9359, -5.6868,  
6.3474

■ 29.8526, 64.7808,

-165.0368

■ 27.3856, 70.9196,  
-183.0764

■ 26.8450, 72.3901,  
-187.4349

# Harmonies

## Analogous

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



63.8738, -5.7385, -54.4807



63.8726, 17.9239, -46.5895



63.8738, 38.0918, -24.0002

# Triad

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



63.8738, 17.9235, -46.5878



63.8738, 22.5538, 29.6612



63.8738, -41.8750, 5.6665

# Complementary

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



63.8726, 17.9239, -46.5895



96.2282, -20.1566, 38.1665

# 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.



63.8738, -36.4443, 22.4352



63.8726, 17.9239, -46.5895



63.8738, -1.0508, 32.8512

# Square

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



63.8738, 17.9235, -46.5878



63.8738, 41.0200, 19.7742



63.8738, -22.2685, 30.7715



63.8738, -38.2686, -18.7140



# Rectangle

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



63.8726, 17.9239, -46.5895



63.8738, 45.6831, -6.7680



63.8738, -22.2685, 30.7715



63.8738, -41.0667, 12.2634

# Sweetspot

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



63.8738, 17.9235, -46.5878



88.7427, 1.0858, -8.5067



90.5820, -28.2247, -5.5043



40.4265, 0.8830, -4.7727

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



63.8738, 17.9235, -46.5878



57.7063, 24.1109, -61.2237



68.2061, 31.1521, -38.2077



41.7544, 0.0864, -3.0239



19.6322, 52.8366, -136.2721



6.2782, 16.6022, -41.2963



# Inverse Universe

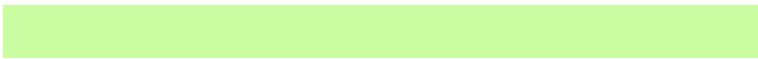
The Inverse Universe completely reimagines the original color for something new.



72.8622, 44.0827, -25.9355



68.9946, 54.9959, -32.6163



92.4322, -34.2527, 34.7274



42.7536, 3.4160, -1.2835



37.8872, 73.4492, -41.9219

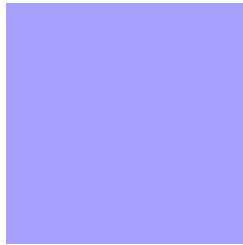


11.8472, 23.0061, -13.4092



# Previews

## White Background



This preview shows how the HunterLab color 63.8726, 17.9239, -46.5895 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

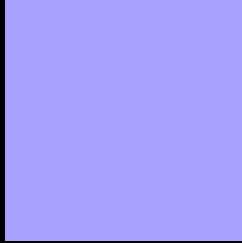
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 63.8726, 17.9239, -46.5895 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

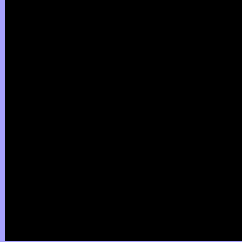
Any Text WCAG AA ✓ Pass

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 63.8726, 17.9239, -46.5895 Background



This preview shows how black text looks on a background with the HunterLab color 63.8726, 17.9239, -46.5895.



This preview shows how white text looks on a background with the HunterLab color 63.8726, 17.9239, -46.5895.

-46.5895.

# 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

63.8726, 17.9239, -46.5895

### Protanopia

63.9437, 8.2374, -48.1763

### Deuteranopia

64.0569, 5.2264, -44.9120



## Tritanopia

63.7771, -7.0745, -5.0543

# Trichromacy



## Original Color

63.8726, 17.9239, -46.5895

## Protanomaly

63.6789, 11.6813, -47.8602

## Deuteranomaly

64.0013, 9.6045, -45.7107

## Tritanomaly

63.5598, 1.5890, -18.9099

# Monochromacy



## Original Color

63.8726, 17.9239, -46.5895

## Achromatopsia

64.6440, -3.4492, 3.5122

## Achromatomaly

64.2636, 3.2078, -11.8975

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.8726, 17.9239, -46.5895 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(167, 161, 253)` looks like.

```
.text, #text, p{  
    color:rgb(167, 161, 253)  
}
```

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(167, 161, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 161, 253) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.8726, 17.9239, -46.5895 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".

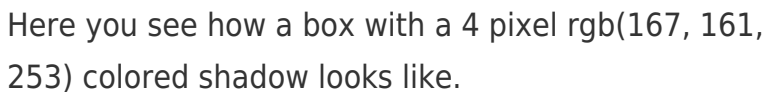
```
.border, #border, table{ border:4px solid rgb(167, 161, 253) }
```



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

```
.border{ border-color:rgb(167, 161, 253) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 161, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 161, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 161, 253); box-shadow:4px 4px 4px 4px rgb(167, 161, 253) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.8726, 17.9239, -46.5895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 161, 253) }
```

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

```
.background{ background-color: rgb(167,  
161, 253) }
```

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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