

# Converting Colors

HunterLab(64.3726, 18.8642,  
-19.2175)

Have a look what the booklet for  
HunterLab(64.3726, 18.8642,  
-19.2175) contains.

<b>HunterLab(64.3726, 18.8642, -19.2175)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(64.3726, 18.8642,  
-19.2175)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C49FD7
RGB	196, 159, 215
RGB Percent	77%, 62%, 84%
CMY	0.2314, 0.3765, 0.1569
CMYK	0.09, 0.26, 0.00, 0.16
HSL	280°, 41%, 73%
HSV	280°, 26%, 84%
XYZ	47.4288, 41.4383, 69.7885
YIQ	176.4470, 4.0760, 25.2600

# Conversions

## Conversions Part 2

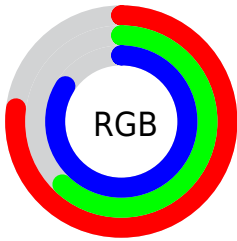
Format	Color
R <sub>Y</sub> B	196, 159, 215
Decimal	12885975
CIE <sub>Lab</sub>	70.48, 23.82, -23.33
CIE <sub>LCh</sub>	70, 33.342, 315.591
Yxy	41.4401, 0.2989, 0.2612
Android (android.graphics.Color)	4291076055 (0xFFC49FD7)
YUV	176.4470, 19.0066, 17.1480
Hunter-Lab	64.3726, 18.8642, -19.2175

# Details

The HunterLab color  $64.3726, 18.8642, -19.2175$  is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be  $77.8268, -23.9963, 22.5465$ , and the grayscale version is  $65.9998, -3.5216, 3.5859$ .

A 20% lighter version of the original color is  $87.2902, 16.1605, -10.1896$ , and  $43.3639, 17.7935, -18.4401$  is the 20% darker color. If you saturate the color by 10%, you get  $58.0713, 28.0808, -29.3650$ , and if you desaturate by 10%, it is  $71.0571, 9.7909, -9.6876$ .

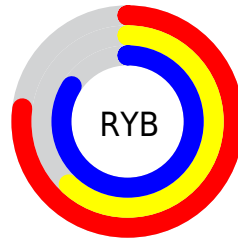
# Distribution



Red (77%)

Green (62%)

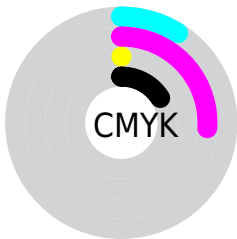
Blue (84%)



Red (77%)

Yellow (62%)

Blue (84%)

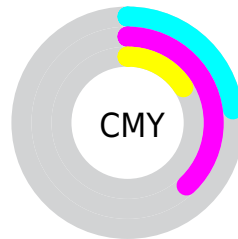


Cyan (9%)

Magenta (26%)

Yellow (0%)

Black (16%)



Cyan (23%)

Magenta (38%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3726, 18.8642, -19.2175 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 64.3726, 18.8642, -19.2175 by changing the saturation by 10% instead.



64.3726, 18.8642,  
-19.2175

64.3726, 18.8642,  
-19.2175

187.6583, 20.8289,  
-19.8447

53.5379, 18.2845,  
-18.8690

87.9497, 19.7586,  
-19.7270

43.3891, 17.6057,  
-18.4605

100.6254, 20.0923,  
-19.8953

33.9775, 16.8129,  
-17.9951

113.8576, 20.3584,  
-20.0089

25.3663, 15.8900,  
-17.4892

127.6238, 20.5619,  
-20.0705

17.6381, 14.8186,  
-16.9915

141.9040, 20.7072,  
-20.0826

10.9086, 13.5875,  
-16.6575

156.6803, 20.7980,

2.3127, 44.7526,

-20.0476

-46.7408

171.9366, 20.8376,  
-19.9677

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.3726, 18.8642,  
-19.2175

■ 64.3726, 18.8642,  
-19.2175

■ 58.0713, 28.0808,  
-29.3650

■ 71.0571, 9.7909,  
-9.6876

■ 52.2223, 37.3514,  
-40.1584

■ 78.0628, 0.8946,  
-0.7121

■ 46.9189, 46.4638,  
-51.5174

■ 85.3461, -7.8293,  
7.7901

■ 42.2707, 55.0220,  
-63.1653

■ 92.8712, -16.3986,  
15.8959

■ 38.3970, 62.3898,

■ 96.7790, -19.1195,

-74.5208

19.9136

■ 35.4020, 67.7433,  
-84.6711

■ 97.4225, -16.7966,  
20.6109

■ 33.3243, 70.3678,  
-92.6184

■ 98.0879, -14.4114,  
21.3281

■ 32.6525, 70.9438,  
-95.3758

■ 98.7751, -11.9657,  
22.0647

■ 98.8364, -11.7483,  
22.1302

# Harmonies

## Analogous

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



64.3740, 4.6289, -29.5466



64.3726, 18.8642, -19.2175



64.3740, 27.4755, -3.8264

# Triad

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



64.3740, 18.8627, -19.2160



64.3740, 4.0179, 25.0794



64.3740, -29.3038, -4.4478

# Complementary

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



64.3726, 18.8642, -19.2175



77.8268, -23.9963, 22.5465

# 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.



64.3740, -29.4343, 10.0625



64.3726, 18.8642, -19.2175



64.3740, -11.1268, 24.9879

# Square

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



64.3740, 18.8627, -19.2160



64.3740, 18.3796, 20.4071



64.3740, -23.0640, 20.1190



64.3740, -22.6891, -19.7612



# Rectangle

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



64.3726, 18.8642, -19.2175



64.3740, 28.4014, 6.1612



64.3740, -23.0640, 20.1190



64.3740, -30.0854, 0.7286

# Sweetspot

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



64.3740, 18.8627, -19.2160



92.9401, 3.2615, -3.0275



66.6026, -2.3687, -16.2331



42.3954, 2.2640, -2.1561

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



64.3740, 18.8627, -19.2160



74.0097, 28.7419, -29.6837



66.1290, 23.6571, -11.5352



35.2306, 1.8049, -1.7151



25.3722, 55.0163, -73.2605



6.5804, 13.9589, -16.5979



# Inverse Universe

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



65.1609, 18.7175, 2.1534



75.2276, 28.5339, 2.4373



76.6666, -27.9697, 18.3273



35.3407, 1.7710, 1.5707



29.9103, 52.2425, 11.4188

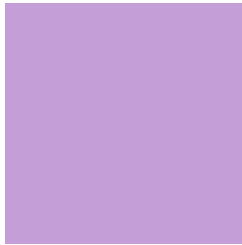


7.4488, 13.2083, 1.3101



# Previews

## White Background



This preview shows how the HunterLab color 64.3726, 18.8642, -19.2175 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

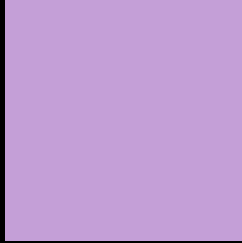
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 64.3726, 18.8642, -19.2175 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

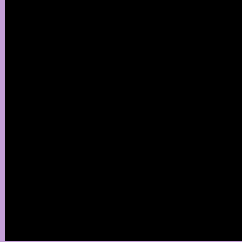
Any Text WCAG AA ✓ Pass

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 64.3726, 18.8642, -19.2175 Background



This preview shows how black text looks on a background with the HunterLab color 64.3726, 18.8642, -19.2175.



This preview shows how white text looks on a background with the HunterLab color 64.3726, 18.8642, -19.2175.

-19.2175.

# 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

64.3726, 18.8642, -19.2175

### Protanopia

64.6718, 3.2456, -24.0951

### Deuteranopia

64.5097, 4.8736, -18.0213



## Tritanopia

64.4005, 6.5054, 0.5337

# Trichromacy



## Original Color

64.3726, 18.8642, -19.2175

## Protanomaly

64.4790, 8.2775, -22.3846

## Deuteranomaly

64.3032, 10.1179, -18.8581

## Tritanomaly

64.1924, 10.9871, -6.3133

# Monochromacy



## Original Color

64.3726, 18.8642, -19.2175

## Achromatopsia

65.8903, -3.5157, 3.5799

## Achromatomaly

65.2184, 4.0972, -4.0279

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.3726, 18.8642, -19.2175 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(196, 159, 215)` looks like.

```
.text, #text, p{  
    color:rgb(196, 159, 215)  
}
```

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(196, 159, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 215) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.3726, 18.8642, -19.2175 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(196, 159, 215) }
```



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

```
.border{ border-color:rgb(196, 159, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 159, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 159, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 159, 215);  
box-shadow:4px 4px 4px 4px rgb(196, 159,  
215) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.3726, 18.8642, -19.2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 159, 215) }
```

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

```
.background{ background-color: rgb(196,  
159, 215) }
```

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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