

# Converting Colors

HunterLab(62.7263, 42.3093,  
-24.2703)

Have a look what the booklet for  
HunterLab(62.7263, 42.3093,  
-24.2703) contains.

<b>HunterLab(62.7190, 42.2493, -23.9671)</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(62.7190, 42.2493,  
-23.9671)**

# Conversions

Conversions Part 1	
Format	Color
Hex	E389DB
RGB	227, 137, 219
RGB Percent	89%, 54%, 86%
CMY	0.1098, 0.4627, 0.1412
CMYK	0.00, 0.40, 0.04, 0.11
HSL	305°, 62%, 71%
HSV	305°, 40%, 89%
XYZ	53.4104, 39.3367, 71.7956
YIQ	173.2580, 27.3180, 44.5820

# Conversions

## Conversions Part 2

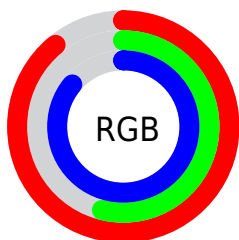
Format	Color
<a href="#">RYB</a>	<a href="#">227, 137, 219</a>
Decimal	<a href="#">14911963</a>
CIELab	<a href="#">69.00, 46.25, -27.53</a>
CIELCh	<a href="#">69, 53.821, 329.231</a>
Yxy	<a href="#">39.3385, 0.3246, 0.2391</a>
Android (android.graphics.Color)	<a href="#">4293102043</a> (0xFFE389DB)
YUV	<a href="#">173.2580, 22.5508, 47.1317</a>
Hunter-Lab	<a href="#">62.7190, 42.2493, -23.9671</a>

# Details

The HunterLab color **62.7190, 42.2493, -23.9671** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **78.9318, -41.1187, 27.7938**, and the grayscale version is **64.6539, -3.4498, 3.5128**.

A 20% lighter version of the original color is **81.3506, 29.0908, -18.3149**, and **41.9130, 39.2925, -23.1689** is the 20% darker color. If you saturate the color by 10%, you get **57.8304, 53.9080, -30.7119**, and if you desaturate by 10%, it is **68.2585, 30.2662, -16.8397**.

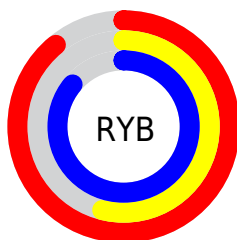
# Distribution



Red (89%)

Green (54%)

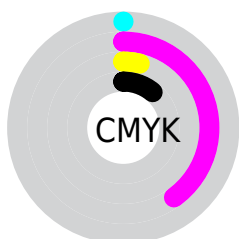
Blue (86%)



Red (89%)

Yellow (54%)

Blue (86%)

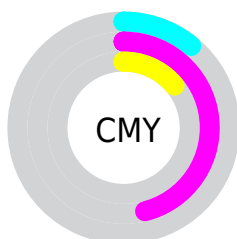


Cyan (0%)

Magenta (40%)

Yellow (4%)

Black (11%)



Cyan (11%)

Magenta (46%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.7190, 42.2493, -23.9671 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 62.7190, 42.2493, -23.9671 by changing the saturation by 10% instead.





 62.7190, 42.2493, -23.9671	 62.7190, 42.2493, -23.9671
---	---

185.2910, 51.5413, -25.7414	 51.9838, 40.7486, -23.4976
--------------------------------	---

 86.1134, 44.9202, -24.7325	 41.9412, 39.1346, -22.9801
---	---

 98.7042, 46.1086, -25.0312	 32.6443, 37.4052, -22.4283
---	---

 111.8551, 47.2071, -25.2749	 24.1585, 35.5756, -21.8814
--	---

125.5432, 48.2218, -25.4657	 16.5705, 33.7090, -21.4419
--------------------------------	---

139.7481, 49.1579, -25.6058	 10.0026, 32.0400, -21.4235
--------------------------------	---


154.4517, 50.0203,	0.0000, INF, -NF
--------------------	------------------


-25.6970


0.0000, NaN, -NF


169.6376, 50.8135,  
-25.7416


0.0000, NaN, NaN


 62.7190, 42.2493,  
-23.9671


 62.7190, 42.2493,  
-23.9671


 57.8304, 53.9080,  
-30.7119


 68.2585, 30.2662,  
-16.8397


 53.6858, 64.7581,  
-36.7604

 74.3526, 18.2821,  
-9.5543


 50.3757, 74.1461,  
-41.7096


 80.9220, 6.4720,  
-2.2436


 47.9591, 81.3732,  
-45.1540


 87.8984, -5.0813,  
5.0180


 46.4362, 85.9235,  
-46.8273


 95.2258, -16.3528,  
12.1956


 45.6600, 87.9504,  
-46.8889

 96.7609, -18.2867,  
12.9296

 45.6370, 88.0067,  
-46.8811

 96.8202, -17.9540,  
12.0794

 96.8801, -17.6178,  
11.2206

 96.9407, -17.2783,  
10.3529

# Harmonies

## Analogous

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



62.7204, 21.2341, -49.3281



62.7190, 42.2493, -23.9671



62.7204, 50.7694, 2.8124

# Triad

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



62.7204, 42.2471, -23.9654



62.7204, -2.7194, 33.6461



62.7204, -39.2532, -22.5127

# Complementary

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



62.7190, 42.2493, -23.9671



78.9318, -41.1187, 27.7938

# 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.



62.7204, -43.6924, 4.0097



62.7190, 42.2493, -23.9671



62.7204, -24.6481, 31.2010

# Square

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



62.7204, 42.2471, -23.9654



62.7204, 22.4901, 30.9226



62.7204, -38.7738, 22.2173



62.7204, -25.5839, -48.2881



# Rectangle

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



62.7190, 42.2493, -23.9671



62.7204, 47.3571, 16.4026



62.7204, -38.7738, 22.2173



62.7204, -41.7726, -13.1297

# Sweetspot

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



62.7204, 42.2471, -23.9654



90.4614, 10.6363, -4.5854



54.2346, 18.3147, -45.7085



41.3897, 5.7375, -2.6286

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



62.7204, 42.2471, -23.9654



66.6818, 59.7678, -34.0493



61.0734, 34.3311, -0.8913



38.1994, 2.9490, -0.9942



34.8646, 67.2533, -35.9712



9.5119, 18.4020, -10.2301



# Inverse Universe

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



62.7204, 42.2471, -23.9654



66.6818, 59.7678, -34.0493



79.9711, -34.9827, 12.7590



38.1994, 2.9490, -0.9942



34.8646, 67.2533, -35.9712

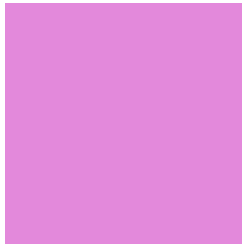


9.5119, 18.4020, -10.2301



# Previews

## White Background



This preview shows how the HunterLab color 62.7190, 42.2493, -23.9671 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

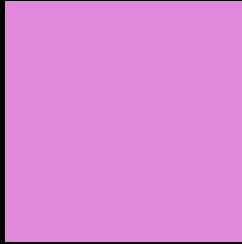
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 62.7190, 42.2493, -23.9671 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

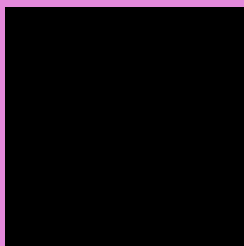
Any Text WCAG AA ✓ Pass

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 62.7190, 42.2493, -23.9671 Background



This preview shows how black text looks on a background with the HunterLab color 62.7190, 42.2493, -23.9671.



This preview shows how white text looks on a background with the HunterLab color 62.7190, 42.2493, -23.9671.



# 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

62.7190, 42.2493, -23.9671

### Protanopia

62.9627, 6.5906, -39.4521

### Deuteranopia

63.0943, 4.6562, -20.8226




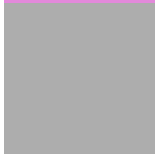
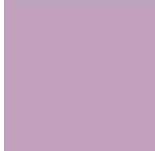
## Tritanopia

62.6767, 23.3024, 7.1328

# Trichromacy

	<b>Original Color</b> 62.7190, 42.2493, -23.9671
	<b>Protanomaly</b> 61.9999, 18.4903, -35.1936
	<b>Deuteranomaly</b> 62.3215, 18.0089, -23.0882
	<b>Tritanomaly</b> 62.7026, 29.7632, -2.6892

# Monochromacy

	<b>Original Color</b> 62.7190, 42.2493, -23.9671
	<b>Achromatopsia</b> 64.6440, -3.4492, 3.5122
	<b>Achromatomaly</b> 63.4009, 12.5252, -6.2699

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 62.7190, 42.2493, -23.9671 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(227, 137, 219)` looks like.

```
.text, #text, p{  
    color:rgb(227, 137, 219)  
}
```

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(227, 137, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 137, 219) }
```

## Border

The CSS property to change the border of an element to HunterLab 62.7190, 42.2493, -23.9671 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(227, 137, 219) }
```



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

```
.border{ border-color:rgb(227, 137, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 137, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 137, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 137, 219);  
box-shadow:4px 4px 4px 4px rgb(227, 137,  
219) }
```

# Background

The CSS property to change the background color of an element to HunterLab 62.7190, 42.2493, -23.9671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 137, 219) }
```

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

```
.background{ background-color: rgb(227,  
137, 219) }
```

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](#).

Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor