

# Converting Colors

HunterLab(73.0576, 34.6032,  
-29.0015)

Have a look what the booklet for  
HunterLab(73.0576, 34.6032,  
-29.0015) contains.

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# Color

**HunterLab(72.9637, 34.6352,  
-29.2701)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECA9FC
RGB	236, 169, 252
RGB Percent	93%, 66%, 99%
CMY	0.0745, 0.3372, 0.0118
CMYK	0.06, 0.33, 0.00, 0.01
HSL	288°, 93%, 83%
HSV	288°, 33%, 99%
XYZ	66.3506, 53.2370, 98.8741
YIQ	198.4950, 13.2890, 40.0170

# Conversions

## Conversions Part 2

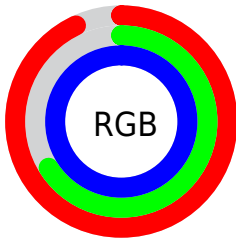
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 169, 252
Decimal	15510012
CIE Lab	78.02, 38.31, -31.58
CIE LCh	78, 49.646, 320.501
Yxy	53.2393, 0.3037, 0.2437
Android (android.graphics.Color)	4293700092 (0xFFECA9FC)
YUV	198.4950, 26.3780, 32.8919
Hunter-Lab	72.9637, 34.6352, -29.2701

# Details

The HunterLab color  $72.9637, 34.6352, -29.2701$  is a light color, and the websafe version is hex  $CC99FF$ . A complement of this color would be  $90.9950, -37.6562, 30.9523$ , and the grayscale version is  $75.2466, -4.0150, 4.0883$ .

A 20% lighter version of the original color is  $90.7361, 10.8181, -5.7193$ , and  $51.0045, 32.1327, -28.0255$  is the 20% darker color. If you saturate the color by 10%, you get  $66.2787, 46.9924, -40.7218$ , and if you desaturate by 10%, it is  $80.2367, 22.2890, -18.2217$ .

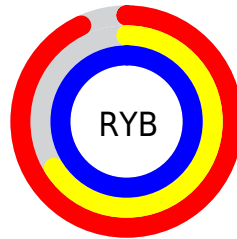
# Distribution



Red (93%)

Green (66%)

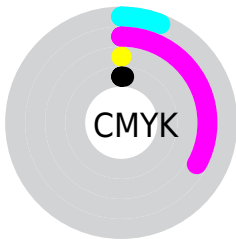
Blue (99%)



Red (93%)

Yellow (66%)

Blue (99%)

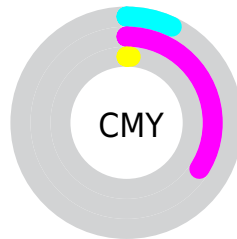


Cyan (6%)

Magenta (33%)

Yellow (0%)

Black (1%)



Cyan (7%)

Magenta (34%)


Yellow (1%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.9637, 34.6352, -29.2701 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 72.9637, 34.6352, -29.2701 by changing the saturation by 10% instead.





 72.9637, 34.6352,  
-29.2701

 72.9637, 34.6352,  
-29.2701


199.8005, 40.8546,  
-31.5984

 61.6391, 33.5298,  
-28.7537


 97.4456, 36.5486,  
-30.1422

 50.9685, 32.3177,  
-28.1942

110.5427, 37.3755,  
-30.4994

 40.9965, 30.9877,  
-27.6033


124.1791, 38.1238,  
-30.8044

 31.7759, 29.5320,  
-27.0116

138.3342, 38.7990,  
-31.0584

 23.3738, 27.9498,  
-26.4887

152.9897, 39.4056,  
-31.2631

 15.8796, 26.2669,  
-26.2103

168.1290, 39.9480,

 9.4203, 24.6169,

-31.4202

-26.7088

183.7372, 40.4299,  
-31.5314

0.0000, INF, -NF

0.0000, NaN, -NF

■ 72.9637, 34.6352,  
-29.2701

■ 72.9637, 34.6352,  
-29.2701

■ 66.2787, 46.9924,  
-40.7218

■ 80.2367, 22.2890,  
-18.2217

■ 60.2853, 59.0526,  
-52.3944

■ 88.0027, 10.1192,  
-7.6439

■ 55.1069, 70.2828,  
-63.9000

■ 96.1899, -1.8112,  
2.4734

■ 50.8659, 79.9125,  
-74.6064

99.9041, -5.8613,  
6.8016

■ 47.6558, 87.0404,

-83.6904

■ 45.4963, 90.9533,  
-90.3913

■ 44.4795, 91.9733,  
-93.7436

# Harmonies

## Analogous

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



72.9653, 12.7304, -49.3088



72.9637, 34.6352, -29.2701



72.9653, 46.6163, -3.5379

# Triad

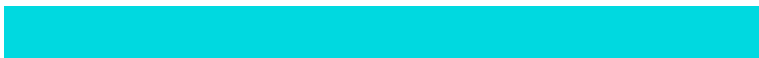
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9653, 34.6332, -29.2682



72.9653, 3.7640, 35.0621



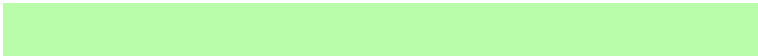
72.9653, -41.8095, -12.8700

# Complementary

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



72.9637, 34.6352, -29.2701



90.9950, -37.6562, 30.9523

# 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.



72.9653, -43.5666, 10.7592



72.9637, 34.6352, -29.2701



72.9653, -19.1574, 33.9930

# Square

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



72.9653, 34.6332, -29.2682



72.9653, 27.3554, 30.0972



72.9653, -35.7900, 26.4859



72.9653, -30.6396, -37.9390



# Rectangle

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



72.9637, 34.6352, -29.2701



72.9653, 46.4428, 11.4275



72.9653, -35.7900, 26.4859



72.9653, -43.4598, -4.3647

# Sweetspot

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



72.9653, 34.6332, -29.2682



91.5835, 6.6886, -4.6975



71.0036, 4.9854, -33.0635



41.8379, 3.8858, -2.8485

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.9653, 34.6332, -29.2682



69.0812, 43.9971, -37.8608



73.9088, 35.4043, -12.1959



41.6481, 2.7447, -1.8854



32.1991, 66.5119, -67.3309



10.0105, 20.5304, -19.7881



# Inverse Universe

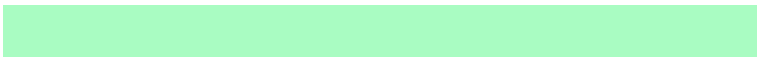
The Inverse Universe completely reimagines the original color for something new.



72.5096, 28.4234, 7.6449



68.5905, 36.4788, 8.8771



90.5249, -38.3326, 21.7187



41.5691, 1.8905, 2.5723



33.0305, 56.9584, 18.3002

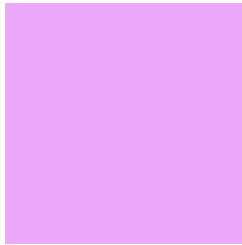


10.1218, 17.5913, 4.5454



# Previews

## White Background



This preview shows how the HunterLab color 72.9637, 34.6352, -29.2701 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

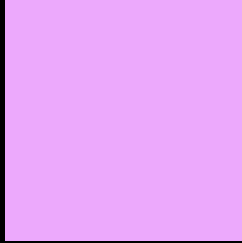
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.9637, 34.6352, -29.2701 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

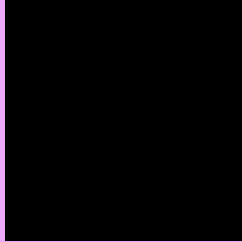
Any Text WCAG AA ✓ Pass

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 72.9637, 34.6352, -29.2701 Background



This preview shows how black text looks on a background with the HunterLab color 72.9637, 34.6352, -29.2701.



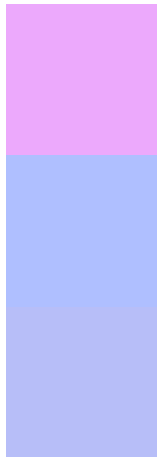
This preview shows how white text looks on a background with the HunterLab color 72.9637, 34.6352, -29.2701.

-29.2701.

# 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

72.9637, 34.6352, -29.2701

### Protanopia

73.2090, 4.4262, -31.4318

### Deuteranopia

73.2608, 5.5212, -26.6318



## Tritanopia

72.8228, 14.8591, 3.5789

# Trichromacy



## Original Color

72.9637, 34.6352, -29.2701



## Protanomaly

72.7276, 14.7088, -31.3692



## Deuteranomaly

72.6994, 15.6361, -28.0209



## Tritanomaly

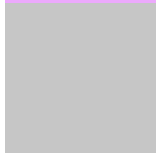
72.7639, 21.6817, -7.1688

# Monochromacy



## Original Color

72.9637, 34.6352, -29.2701



## Achromatopsia

75.1473, -4.0097, 4.0829



## Achromatomaly

73.8916, 9.7776, -7.5196

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.9637, 34.6352, -29.2701 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(236, 169, 252)` looks like.

```
.text, #text, p{  
    color:rgb(236, 169, 252)  
}
```

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(236, 169, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 169, 252) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.9637, 34.6352, -29.2701 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(236, 169, 252) }
```



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

```
.border{ border-color:rgb(236, 169, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 169, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 169, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 169, 252);  
box-shadow:4px 4px 4px 4px rgb(236, 169,  
252) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.9637, 34.6352, -29.2701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 169, 252) }
```

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

```
.background{ background-color: rgb(236,  
169, 252) }
```

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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