

# Converting Colors

HunterLab(74.0063, 32.7040,  
-29.6199)

Have a look what the booklet for  
HunterLab(74.0063, 32.7040,  
-29.6199) contains.

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# Color

**HunterLab(74.0063, 32.7040,  
-29.6199)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EBADFF
RGB	235, 173, 255
RGB Percent	92%, 68%, 100%
CMY	0.0784, 0.3215, 0.0000
CMYK	0.08, 0.32, 0.00, 0.00
HSL	285°, 100%, 84%
HSV	285°, 32%, 100%
XYZ	67.2545, 54.7693, 101.6345
YIQ	200.8860, 10.6300, 38.6460

# Conversions

## Conversions Part 2

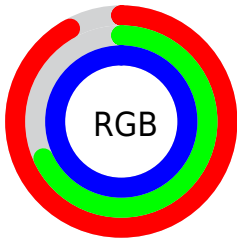
Format	Color
R <sub>Y</sub> B	235, 173, 255
Decimal	15445503
CIE Lab	78.91, 36.46, -31.82
CIE LCh	79, 48.396, 318.887
Yxy	54.7716, 0.3007, 0.2449
Android (android.graphics.Color)	4293635583 (0xFFEBADFF)
YUV	200.8860, 26.6782, 29.9180
Hunter-Lab	74.0063, 32.7040, -29.6199

# Details

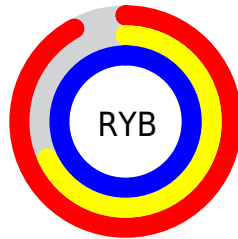
The HunterLab color  $74.0063, 32.7040, -29.6199$  is a light color, and the websafe version is hex  $CC99FF$ . A complement of this color would be  $92.6689, -36.3957, 31.1685$ , and the grayscale version is  $76.2645, -4.0693, 4.1436$ .

A 20% lighter version of the original color is  $91.9340, 8.6361, -4.2138$ , and  $51.9376, 30.3244, -28.4546$  is the 20% darker color. If you saturate the color by 10%, you get  $66.9830, 44.8198, -41.6829$ , and if you desaturate by 10%, it is  $81.5961, 20.6449, -18.1041$ .

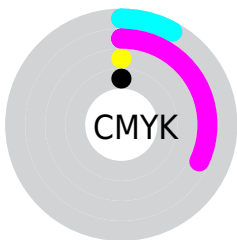
# Distribution



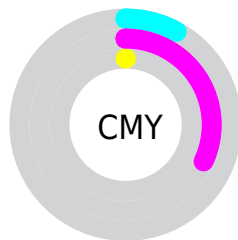
- Red (92%)
- Green (68%)
- Blue (100%)



- Red (92%)
- Yellow (68%)
- Blue (100%)



- Cyan (8%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)




- Cyan (8%)
- Magenta (32%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.0063, 32.7040, -29.6199 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 74.0063, 32.7040, -29.6199 by changing the saturation by 10% instead.





 74.0063, 32.7040,  
-29.6199

 74.0063, 32.7040,  
-29.6199

201.2574, 38.2892,  
-31.9642

 62.6250, 31.6794,  
-29.1019


 98.5932, 34.4622,  
-30.4939

 51.8942, 30.5503,  
-28.5413


111.7394, 35.2150,  
-30.8527

 41.8577, 29.3048,  
-27.9489


125.4229, 35.8912,  
-31.1593

 32.5675, 27.9334,  
-27.3539

139.6235, 36.4963,  
-31.4152

 24.0891, 26.4312,  
-26.8225

154.3228, 37.0347,  
-31.6220

 16.5093, 24.8124,  
-26.5194

169.5047, 37.5107,

 9.9509, 23.1706,

-31.7813

-26.9326

185.1540, 37.9278,  
-31.8948

0.0000, INF, -NF

0.0000, NaN, -NF

■ 74.0063, 32.7040,  
-29.6199

■ 74.0063, 32.7040,  
-29.6199

■ 66.9830, 44.8198,  
-41.6829

■ 81.5961, 20.6449,  
-18.1041

■ 60.6292, 56.7303,  
-54.1653

■ 89.6596, 8.7762,  
-7.1607

■ 55.0723, 67.9513,  
-66.7282

■ 98.1278, -2.8595,  
3.2527

■ 50.4451, 77.7385,  
-78.7509

100.0000, -5.3358,  
5.4332

■ 46.8611, 85.1523,

-89.3342

■ 44.3663, 89.3526,  
-97.5287

■ 43.0490, 90.4938,  
-102.1893

# Harmonies

## Analogous

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



74.0078, 11.0312, -48.3501



74.0063, 32.7040, -29.6199



74.0078, 45.0457, -4.6169

# Triad

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



74.0078, 32.7019, -29.6174



74.0078, 4.8337, 34.7205



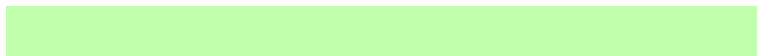
74.0078, -41.5723, -11.0489

# Complementary

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



74.0063, 32.7040, -29.6199



92.6689, -36.3957, 31.1685

# 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.



74.0078, -42.7997, 11.7422



74.0063, 32.7040, -29.6199



74.0078, -17.8322, 33.9601

# Square

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



74.0078, 32.7019, -29.6174



74.0078, 27.6872, 29.3781



74.0078, -34.6228, 26.8330



74.0078, -31.0342, -35.5540



# Rectangle

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



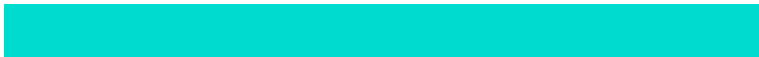
74.0063, 32.7040, -29.6199



74.0078, 45.4205, 10.2824



74.0078, -34.6228, 26.8330



74.0078, -43.0344, -2.8239

# Sweetspot

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



74.0078, 32.7019, -29.6174



91.4523, 6.2486, -4.8739



73.8024, 2.5791, -30.4824



41.7681, 3.6530, -2.9436

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.0078, 32.7019, -29.6174



69.1323, 41.0029, -37.8218



75.5767, 35.6861, -14.1689



42.5019, 2.6227, -2.0132



31.2355, 65.5694, -73.4396



10.0031, 20.8026, -22.0009



# Inverse Universe

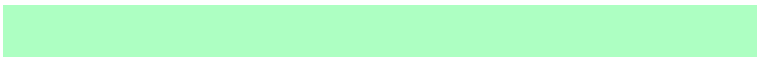
The Inverse Universe completely reimagines the original color for something new.



74.1616, 28.6168, 5.8627



69.4072, 36.1143, 6.6036



91.8028, -38.7874, 23.1148



42.4967, 2.0388, 2.3704



33.6321, 58.1977, 17.0678



10.5721, 18.4463, 4.1865



# Previews

## White Background



This preview shows how the HunterLab color 74.0063, 32.7040, -29.6199 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

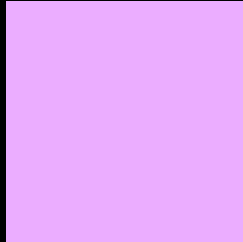
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.0063, 32.7040, -29.6199 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

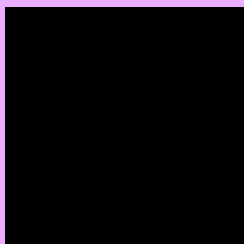
Any Text WCAG AA ✓ Pass

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 74.0063, 32.7040, -29.6199 Background



This preview shows how black text looks on a background with the HunterLab color 74.0063, 32.7040, -29.6199.



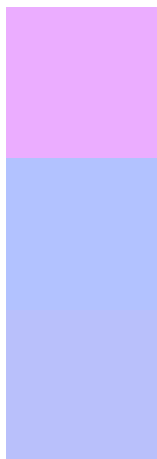
This preview shows how white text looks on a background with the HunterLab color 74.0063, 32.7040, -29.6199.

-29.6199.

# 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

74.0063, 32.7040, -29.6199

### Protanopia

74.3428, 3.6424, -29.5782

### Deuteranopia

74.1476, 5.7036, -27.1897



## Tritanopia

73.9521, 13.0228, 2.9633

# Trichromacy



## Original Color

74.0063, 32.7040, -29.6199



## Protanomaly

73.8105, 13.9065, -30.2707



## Deuteranomaly

73.7717, 14.9839, -28.2966



## Tritanomaly

73.8783, 19.8867, -7.9127

# Monochromacy



## Original Color

74.0063, 32.7040, -29.6199



## Achromatopsia

76.4250, -4.0778, 4.1523



## Achromatomaly

75.2517, 8.5504, -7.3774

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.0063, 32.7040, -29.6199 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(235, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 173, 255)  
}
```

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(235, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 173, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.0063, 32.7040, -29.6199 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(235, 173, 255) }
```



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

```
.border{ border-color:rgb(235, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 173,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.0063, 32.7040, -29.6199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 173, 255) }
```

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

```
.background{ background-color: rgb(235,  
173, 255) }
```

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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