

# Converting Colors

HunterLab(73.0568, 32.5192,  
-31.1933)

Have a look what the booklet for  
HunterLab(73.0568, 32.5192,  
-31.1933) contains.

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# Color

**HunterLab(73.0306, 32.4561,  
-31.2381)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7ABFF
RGB	231, 171, 255
RGB Percent	91%, 67%, 100%
CMY	0.0941, 0.3294, 0.0000
CMYK	0.09, 0.33, 0.00, 0.00
HSL	283°, 100%, 84%
HSV	283°, 33%, 100%
XYZ	65.5678, 53.3347, 101.4465
YIQ	198.5160, 8.7960, 38.8440

# Conversions

## Conversions Part 2

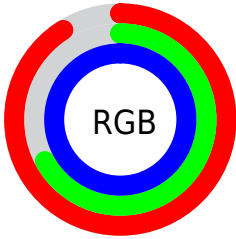
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 171, 255
Decimal	15182847
CIE <sub>Lab</sub>	78.07, 36.31, -33.14
CIE <sub>LCh</sub>	78, 49.162, 317.610
Yxy	53.3369, 0.2976, 0.2421
Android (android.graphics.Color)	4293372927 (0xFFE7ABFF)
YUV	198.5160, 27.8466, 28.4885
Hunter-Lab	73.0306, 32.4561, -31.2381

# Details

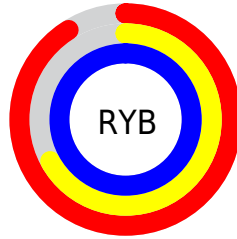
The HunterLab color  $73.0306, 32.4561, -31.2381$  is a light color, and the websafe version is hex  $CC99FF$ . A complement of this color would be  $92.7701, -36.0922, 31.9076$ , and the grayscale version is  $75.2508, -4.0152, 4.0885$ .

A 20% lighter version of the original color is  $91.3335, 9.7261, -4.9659$ , and  $51.0223, 30.1034, -30.1166$  is the 20% darker color. If you saturate the color by 10%, you get  $65.8995, 44.2310, -43.7376$ , and if you desaturate by 10%, it is  $80.7186, 20.7497, -19.3903$ .

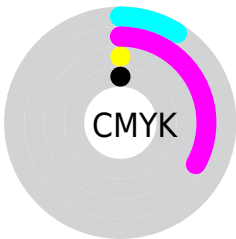
# Distribution



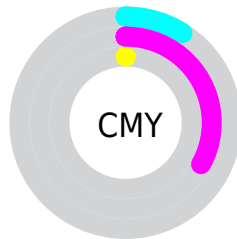
- Red (91%)
- Green (67%)
- Blue (100%)



- Red (91%)
- Yellow (67%)
- Blue (100%)



- Cyan (9%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)




- Cyan (9%)
- Magenta (33%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.0306, 32.4561, -31.2381 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 73.0306, 32.4561, -31.2381 by changing the saturation by 10% instead.





 73.0306, 32.4561,  
-31.2381

 73.0306, 32.4561,  
-31.2381


199.8940, 38.0469,  
-33.9180

 61.7023, 31.4290,  
-30.6883


 97.5192, 34.2179,  
-32.1835

 51.0278, 30.2967,  
-30.1009


110.6194, 34.9717,  
-32.5797

 41.0516, 29.0471,  
-29.4905


124.2589, 35.6487,  
-32.9244

 31.8265, 27.6710,  
-28.8935

138.4169, 36.2542,  
-33.2184

 23.4196, 26.1639,  
-28.3914

153.0752, 36.7929,  
-33.4632

 15.9198, 24.5424,  
-28.1869

168.2173, 37.2689,

 9.4541, 22.9121,

-33.6603

-28.8890

183.8281, 37.6858,  
-33.8114

0.0000, INF, -NF

0.0000, NaN, -NF

■ 73.0306, 32.4561,  
-31.2381

■ 73.0306, 32.4561,  
-31.2381

■ 65.8995, 44.2310,  
-43.7376

■ 80.7186, 20.7497,  
-19.3903

■ 59.4296, 55.8277,  
-56.7880

■ 88.8711, 9.2328,  
-8.1935

■ 53.7513, 66.7753,  
-70.0661

■ 97.4201, -2.0595,  
2.4154

■ 49.0039, 76.3286,  
-82.9340

100.0000, -5.3358,  
5.4332

■ 45.3102, 83.5198,

-94.4154

■ 42.7247, 87.4625,  
-103.4312

■ 41.4520, 88.4050,  
-108.2299

# Harmonies

## Analogous

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



73.0321, 10.2399, -49.8286



73.0306, 32.4561, -31.2381



73.0321, 45.5349, -5.8346

# Triad

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



73.0321, 32.4541, -31.2356



73.0321, 6.0229, 34.6752



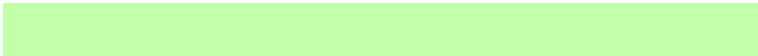
73.0321, -42.0833, -10.2204

# Complementary

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



73.0306, 32.4561, -31.2381



92.7701, -36.0922, 31.9076

# 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.



73.0321, -42.9116, 12.5888



73.0306, 32.4561, -31.2381



73.0321, -17.0411, 34.1693

# Square

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



73.0321, 32.4541, -31.2356



73.0321, 29.0335, 29.0794



73.0321, -34.2945, 27.3742



73.0321, -31.8681, -35.3053



# Rectangle

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



73.0306, 32.4561, -31.2381



73.0321, 46.3527, 9.4278



73.0321, -34.2945, 27.3742



73.0321, -43.4178, -1.9329

# Sweetspot

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



73.0321, 32.4541, -31.2356



91.3455, 5.8900, -5.0176



74.4648, 0.6438, -29.4319



41.7113, 3.4633, -3.0210

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.0321, 32.4541, -31.2356



67.9325, 40.7735, -39.9981



75.2147, 37.5032, -16.8815



42.4551, 2.4652, -2.0760



30.0964, 64.0757, -77.7192



9.6822, 20.3748, -23.1517



# Inverse Universe

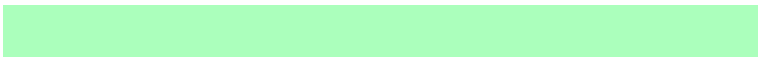
The Inverse Universe completely reimagines the original color for something new.



73.7075, 30.0097, 4.4114



68.8664, 37.8263, 4.9291



91.5428, -40.0630, 24.9642



42.5117, 2.1191, 2.1574



33.7361, 58.5815, 15.5402



10.6113, 18.5904, 3.6151



# Previews

## White Background



This preview shows how the HunterLab color 73.0306, 32.4561, -31.2381 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

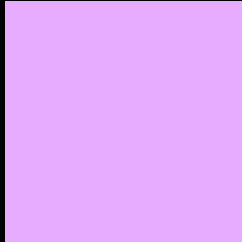
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 73.0306, 32.4561, -31.2381 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

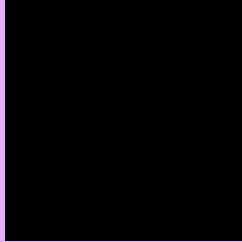
Any Text WCAG AA ✓ Pass

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 73.0306, 32.4561, -31.2381 Background



This preview shows how black text looks on a background with the HunterLab color 73.0306, 32.4561, -31.2381.



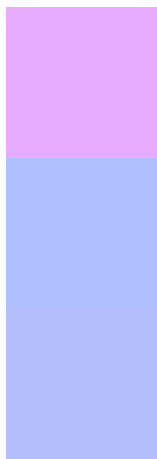
This preview shows how white text looks on a background with the HunterLab color 73.0306, 32.4561, -31.2381.

-31.2381.

# 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

73.0306, 32.4561, -31.2381

### Protanopia

73.2090, 4.4262, -31.4318

### Deuteranopia

73.2227, 5.6500, -28.6822



## Tritanopia

73.0943, 11.6133, 2.3964

# Trichromacy



## Original Color

73.0306, 32.4561, -31.2381



## Protanomaly

72.8719, 13.8013, -31.8298



## Deuteranomaly

72.8268, 14.8531, -29.8416



## Tritanomaly

73.0135, 18.4870, -8.5482

# Monochromacy



## Original Color

73.0306, 32.4561, -31.2381



## Achromatopsia

75.5728, -4.0324, 4.1060



## Achromatomaly

74.4033, 8.5759, -7.4076

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.0306, 32.4561, -31.2381 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(231, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 171, 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(231, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 171, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.0306, 32.4561, -31.2381 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(231, 171, 255) }
```



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

```
.border{ border-color:rgb(231, 171, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 171, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 171,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.0306, 32.4561, -31.2381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 171, 255) }
```

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

```
.background{ background-color: rgb(231,  
171, 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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