

# Converting Colors

HunterLab(85.0877, 7.5798,  
-13.3603)

Have a look what the booklet for  
HunterLab(85.0877, 7.5798,  
-13.3603) contains.

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# Color

**HunterLab(85.1345, 7.5602,  
-13.2955)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5D7FF
RGB	229, 215, 255
RGB Percent	90%, 84%, 100%
CMY	0.1020, 0.1568, 0.0000
CMYK	0.10, 0.16, 0.00, 0.00
HSL	261°, 100%, 92%
HSV	261°, 16%, 100%
XYZ	74.6635, 72.4788, 104.6622
YIQ	223.7460, -4.4960, 15.4080

# Conversions

## Conversions Part 2

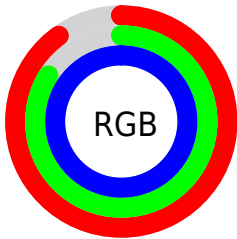
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 215, 255
Decimal	15063039
CIE Lab	88.20, 12.21, -17.73
CIE LCh	88, 21.526, 304.563
Yxy	72.4818, 0.2965, 0.2878
Android (android.graphics.Color)	4293253119 (0xFFE5D7FF)
YUV	223.7460, 15.4082, 4.6078
Hunter-Lab	85.1345, 7.5602, -13.2955

# Details

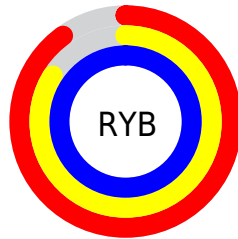
The HunterLab color  $85.1345, 7.5602, -13.2955$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $97.5335, -16.3973, 20.7291$ , and the grayscale version is  $86.1643, -4.5975, 4.6815$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $61.7277, 7.6385, -13.1462$  is the 20% darker color. If you saturate the color by 10%, you get  $76.0877, 16.1232, -26.5543$ , and if you desaturate by 10%, it is  $94.5275, -0.7277, -1.1056$ .

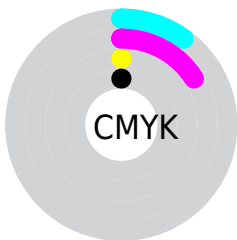
# Distribution



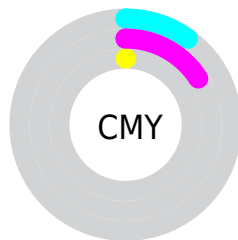
- Red (90%)
- Green (84%)
- Blue (100%)



- Red (90%)
- Yellow (84%)
- Blue (100%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.1345, 7.5602, -13.2955 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 85.1345, 7.5602, -13.2955 by changing the saturation by 10% instead.



85.1345, 7.5602,  
-13.2955

85.1345, 7.5602,  
-13.2955

216.6141, 4.7510,  
-11.6163

73.1795, 7.6342,  
-13.2354

110.7887, 7.2416,  
-13.2426

61.8416, 7.6486,  
-13.1171

124.4348, 7.0091,  
-13.1407

51.1586, 7.5944,  
-12.9344

138.5992, 6.7317,  
-12.9916

41.1733, 7.4632,  
-12.6835

153.2638, 6.4118,  
-12.7978

31.9383, 7.2435,  
-12.3618

168.4119, 6.0519,  
-12.5615

23.5205, 6.9198,  
-11.9717

184.0285, 5.6539,

16.0085, 6.4696,

-12.2846

-11.5322

200.1001, 5.2198,  
-11.9690

■ 9.5287, 5.8598,  
-11.1246

0.0000, INF, -NF

■ 85.1345, 7.5602,  
-13.2955

■ 85.1345, 7.5602,  
-13.2955

■ 76.0877, 16.1232,  
-26.5543

■ 94.5275, -0.7277,  
-1.1056

■ 67.4451, 25.0260,  
-41.1707

100.0000, -5.3358,  
5.4332

■ 59.2948, 34.3057,  
-57.4624

■ 51.7554, 43.9304,  
-75.7204

■ 44.9897, 53.6866,  
-96.0171

■ 39.2121, 62.9797,  
-117.7850

■ 34.6719, 70.6189,  
-139.1814

■ 31.5718, 74.9862,  
-156.9006

■ 30.5873, 75.9856,  
-163.2080

# Harmonies

## Analogous

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



85.1362, -2.8886, -17.5053



85.1345, 7.5602, -13.2955



85.1362, 15.0312, -4.2956

# Triad

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



85.1362, 7.5582, -13.2932



85.1362, 4.5579, 20.6144



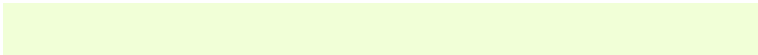
85.1362, -24.2763, 3.0474

# Complementary

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



85.1345, 7.5602, -13.2955



97.5335, -16.3973, 20.7291

# 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.



85.1362, -22.5021, 12.6906



85.1345, 7.5602, -13.2955



85.1362, -6.1932, 22.0693

# Square

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



85.1362, 7.5582, -13.2932



85.1362, 13.2393, 15.0976



85.1362, -16.0119, 19.3510



85.1362, -20.9837, -7.3529



# Rectangle

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



85.1345, 7.5602, -13.2955



85.1362, 17.1297, 2.7410



85.1362, -16.0119, 19.3510



85.1362, -24.2513, 6.4849

# Sweetspot

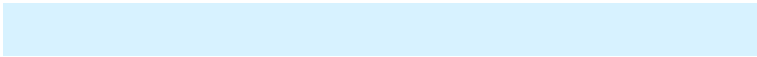
The Sweet Spot groups the original color and five complimentary colors.



85.1362, 7.5582, -13.2932



95.1814, -1.2860, -0.3048



92.1818, -10.8038, -4.2375



43.7246, -0.3297, -0.5215

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.1362, 7.5582, -13.2932



82.0953, 10.3641, -17.5584



87.0868, 13.9947, -10.5029



42.0558, 1.1143, -2.6142



22.2789, 55.0863, -116.8660



7.3583, 17.5932, -33.9410



# Inverse Universe

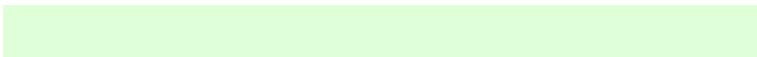
The Inverse Universe completely reimagines the original color for something new.



87.3009, 13.6976, -2.4852



84.7606, 17.7913, -4.0649



95.8667, -22.4409, 18.9167



42.6451, 2.8353, 0.2572



35.4572, 64.8483, -9.0789



11.1571, 20.5694, -4.1279



# Previews

## White Background



This preview shows how the HunterLab color 85.1345, 7.5602, -13.2955 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

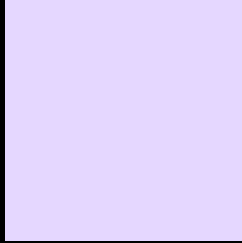
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.1345, 7.5602, -13.2955 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

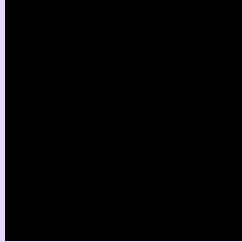
Any Text WCAG AA ✓ Pass

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 85.1345, 7.5602, -13.2955 Background



This preview shows how black text looks on a background with the HunterLab color 85.1345, 7.5602, -13.2955.



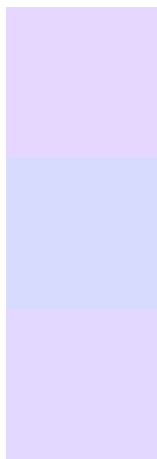
This preview shows how white text looks on a background with the HunterLab color 85.1345, 7.5602, -13.2955.

-13.2955.

# 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

85.1345, 7.5602, -13.2955

### Protanopia

85.3542, 0.5073, -13.1140

### Deuteranopia

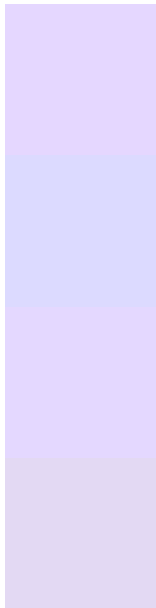
85.2424, 6.3796, -13.1664



## Tritanopia

85.0692, 1.3157, -2.8665

# Trichromacy



## Original Color

85.1345, 7.5602, -13.2955

## Protanomaly

85.1930, 3.1036, -13.2923

## Deuteranomaly

85.3380, 6.6997, -13.0282

## Tritanomaly

85.1044, 3.4850, -6.5718

# Monochromacy



## Original Color

85.1345, 7.5602, -13.2955

## Achromatopsia

86.3368, -4.6067, 4.6908

## Achromatomaly

85.9534, -0.4471, -1.2596

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.1345, 7.5602, -13.2955 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(229, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 215, 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(229, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 215, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.1345, 7.5602, -13.2955 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(229, 215, 255) }
```



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

```
.border{ border-color:rgb(229, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 215,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.1345, 7.5602, -13.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 215, 255) }
```

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

```
.background{ background-color: rgb(229,  
215, 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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