

# Converting Colors

HunterLab(85.3445, 2.1063,  
-7.1122)

Have a look what the booklet for  
HunterLab(85.3445, 2.1063, -7.1122)  
contains.

<b>HunterLab(85.1955, 2.3756, -7.5800)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(85.1955, 2.3756,  
-7.5800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0DAF5
RGB	224, 218, 245
RGB Percent	88%, 85%, 96%
CMY	0.1216, 0.1451, 0.0392
CMYK	0.09, 0.11, 0.00, 0.04
HSL	253°, 57%, 91%
HSV	253°, 11%, 96%
XYZ	72.2934, 72.5827, 96.5858
YIQ	222.8720, -5.0910, 9.6690

# Conversions

## Conversions Part 2

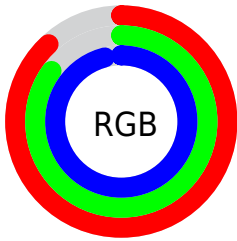
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	224, 218, 245
Decimal	14736117
CIE Lab	88.25, 7.06, -12.43
CIE LCh	88, 14.295, 299.612
Yxy	72.5858, 0.2994, 0.3006
Android (android.graphics.Color)	4292926197 (0xFFE0DAF5)
YUV	222.8720, 10.9091, 0.9893
Hunter-Lab	85.1955, 2.3756, -7.5800

# Details

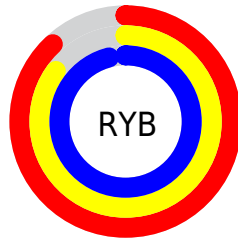
The HunterLab color  $85.1955, 2.3756, -7.5800$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $94.1910, -11.5094, 16.0841$ , and the grayscale version is  $85.8034, -4.5783, 4.6619$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $61.8898, 3.1501, -7.9303$  is the 20% darker color. If you saturate the color by 10%, you get  $76.1101, 9.4593, -20.2317$ , and if you desaturate by 10%, it is  $94.5851, -4.4200, 4.0543$ .

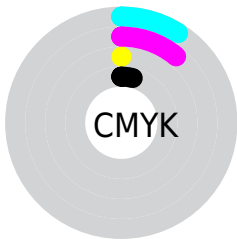
# Distribution



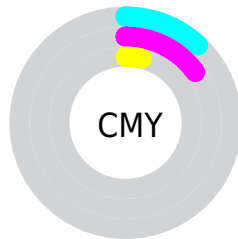
- Red (88%)
- Green (85%)
- Blue (96%)



- Red (88%)
- Yellow (85%)
- Blue (96%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (15%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.1955, 2.3756, -7.5800 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 85.1955, 2.3756, -7.5800 by changing the saturation by 10% instead.



85.1955, 2.3756,  
-7.5800

85.1955, 2.3756,  
-7.5800

216.6975, -2.1905,  
-4.3632

73.2375, 2.6830,  
-7.7122

110.8553, 1.6194,  
-7.1577

61.8965, 2.9419,  
-7.7897

124.5040, 1.1803,  
-6.8773

51.2101, 3.1455,  
-7.8059

138.6711, 0.7032,  
-6.5539

41.2212, 3.2873,  
-7.7552

153.3380, 0.1901,  
-6.1898

31.9823, 3.3591,  
-7.6312

168.4885, -0.3573,  
-5.7869

23.5602, 3.3491,  
-7.4271

184.1075, -0.9374,

16.0435, 3.2401,

-5.3471

-7.1389

200.1813, -1.5489,  
-4.8721

■ 9.5582, 3.0043,  
-6.7799

0.0000, NaN, -NF

■ 85.1955, 2.3756,  
-7.5800

■ 85.1955, 2.3756,  
-7.5800

■ 76.1101, 9.4593,  
-20.2317

■ 94.5851, -4.4200,  
4.0543

■ 67.3761, 16.9225,  
-34.2066

■ 99.6858, -7.0596,  
9.9219

■ 59.0672, 24.8607,  
-49.8810

■ 51.2848, 33.3595,  
-67.6863

■ 44.1736, 42.4249,  
-87.9874

■ 37.9377, 51.8144,  
-110.7242

■ 32.8483, 60.7252,  
-134.6222

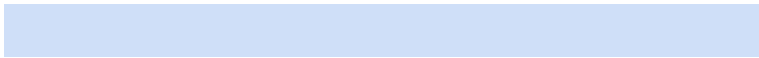
■ 29.2007, 67.5317,  
-156.2282

■ 27.1822, 70.8032,  
-170.4392

# Harmonies

## Analogous

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



85.1973, -4.6438, -9.5564



85.1955, 2.3756, -7.5800



85.1973, 7.6790, -2.2713

# Triad

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



85.1973, 2.3738, -7.5784



85.1973, 2.5407, 15.1988



85.1973, -17.9111, 4.7263

# Complementary

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



85.1955, 2.3756, -7.5800



94.1910, -11.5094, 16.0841

# 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.



85.1973, -16.1269, 11.0122



85.1955, 2.3756, -7.5800



85.1973, -4.4571, 16.7442

# Square

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



85.1973, 2.3738, -7.5784



85.1973, 7.7776, 10.8704



85.1973, -11.2604, 15.2758



85.1973, -16.2151, -2.1050



# Rectangle

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



85.1955, 2.3756, -7.5800



85.1973, 9.4476, 2.2373



85.1973, -11.2604, 15.2758



85.1973, -17.6993, 6.9699

# Sweetspot

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



85.1973, 2.3738, -7.5784



97.0075, -3.2330, 1.8957



91.2804, -10.5199, -0.0494



44.5121, -1.2340, 0.4336

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.1973, 2.3738, -7.5784



87.2216, 3.9466, -10.4961



86.4890, 6.7293, -5.8084



40.1300, 0.6093, -2.6571



20.0755, 52.0703, -124.1615



6.3082, 15.7511, -34.2810



# Inverse Universe

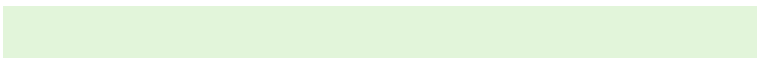
The Inverse Universe completely reimagines the original color for something new.



87.0577, 8.2131, -1.8288



89.5420, 11.1690, -3.2366



92.9951, -15.7799, 14.7354



40.8676, 2.9383, -0.3985



35.3497, 66.3028, -21.8503

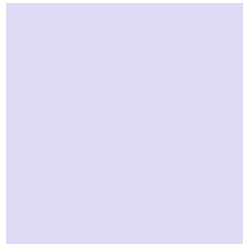


10.5519, 19.9116, -7.4540



# Previews

## White Background



This preview shows how the HunterLab color 85.1955, 2.3756, -7.5800 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

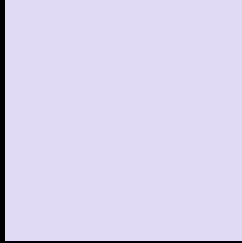
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.1955, 2.3756, -7.5800 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

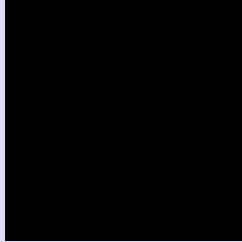
Any Text WCAG AA ✓ Pass

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 85.1955, 2.3756, -7.5800 Background



This preview shows how black text looks on a background with the HunterLab color 85.1955, 2.3756, -7.5800.



This preview shows how white text looks on a background with the HunterLab color 85.1955, 2.3756, -7.5800.

-7.5800.

# 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

85.1955, 2.3756, -7.5800

### Protanopia

85.2911, -0.3727, -8.0598

### Deuteranopia

85.0944, 6.7608, -8.1962



## Tritanopia

85.1266, 0.0094, -3.3487

# Trichromacy



## Original Color

85.1955, 2.3756, -7.5800

## Protanomaly

85.1660, 0.7775, -8.2057

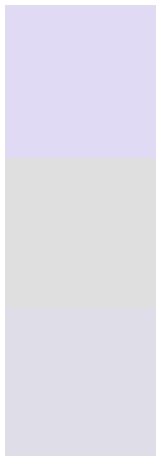
## Deuteranomaly

85.1020, 5.2437, -8.2125

## Tritanomaly

85.2304, 0.5722, -4.8189

# Monochromacy



## Original Color

85.1955, 2.3756, -7.5800

## Achromatopsia

85.9017, -4.5835, 4.6672

## Achromatomaly

85.5397, -2.1368, 0.2703

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.1955, 2.3756, -7.5800 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(224, 218, 245)` looks like.

```
.text, #text, p{  
    color:rgb(224, 218, 245)  
}
```

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(224, 218, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 218, 245) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.1955, 2.3756, -7.5800 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(224, 218, 245) }
```



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

```
.border{ border-color:rgb(224, 218, 245) }
```

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

Here you see how a box with a 4 pixel rgb(224, 218, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 218, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 218, 245);  
box-shadow:4px 4px 4px 4px rgb(224, 218,  
245) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.1955, 2.3756, -7.5800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 218, 245) }
```

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

```
.background{ background-color: rgb(224,  
218, 245) }
```

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