

# Converting Colors

HunterLab(85.9135, 3.1531,  
-3.9812)

Have a look what the booklet for  
HunterLab(85.9135, 3.1531, -3.9812)  
contains.

<b>HunterLab(85.9902, 3.1580, -3.7987)</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(85.9902, 3.1580,  
-3.7987)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7DBF0
RGB	231, 219, 240
RGB Percent	91%, 86%, 94%
CMY	0.0941, 0.1412, 0.0588
CMYK	0.04, 0.09, 0.00, 0.06
HSL	274°, 41%, 90%
HSV	274°, 9%, 94%
XYZ	74.0146, 73.9431, 92.8094
YIQ	224.9820, 0.4110, 9.0750

# Conversions

## Conversions Part 2

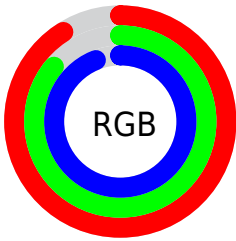
Format	Color
R <sub>Y</sub> B	231, 219, 240
Decimal	15195120
CIE Lab	88.90, 7.87, -8.77
CIE LCh	89, 11.785, 311.881
Yxy	73.9463, 0.3074, 0.3071
Android (android.graphics.Color)	4293385200 (0xFFE7DBF0)
YUV	224.9820, 7.4039, 5.2778
Hunter-Lab	85.9902, 3.1580, -3.7987

# Details

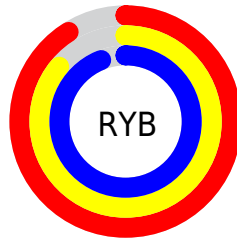
The HunterLab color  $85.9902, 3.1580, -3.7987$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $91.6136, -12.3548, 12.8610$ , and the grayscale version is  $86.7347, -4.6279, 4.7125$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $62.5504, 3.5614, -4.3780$  is the 20% darker color. If you saturate the color by 10%, you get  $77.8789, 12.6395, -14.5519$ , and if you desaturate by 10%, it is  $94.4179, -6.1338, 6.3046$ .

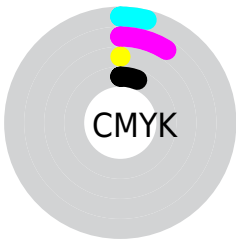
# Distribution



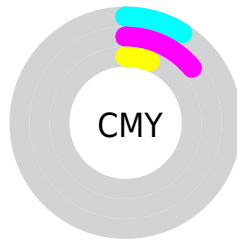
- Red (91%)
- Green (86%)
- Blue (94%)



- Red (91%)
- Yellow (86%)
- Blue (94%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (14%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.9902, 3.1580, -3.7987 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 85.9902, 3.1580, -3.7987 by changing the saturation by 10% instead.



85.9902, 3.1580,  
-3.7987

85.9902, 3.1580,  
-3.7987

217.7815, -1.1537,  
0.5512

73.9933, 3.4317,  
-4.0767

111.7227, 2.4648,  
-3.0990

62.6112, 3.6555,  
-4.3050

125.4056, 2.0556,  
-2.6863

51.8813, 3.8222,  
-4.4775

139.6055, 1.6074,  
-2.2343

41.8457, 3.9252,  
-4.5887

154.3043, 1.1223,  
-1.7451

32.5565, 3.9557,  
-4.6314

169.4855, 0.6021,  
-1.2204

24.0791, 3.9015,  
-4.5970

185.1343, 0.0484,

16.5005, 3.7450,

-0.6619

-4.4747

201.2372, -0.5372,  
-0.0710

■ 9.9434, 3.4578,  
-4.2544

0.0000, INF, -NF

■ 85.9902, 3.1580,  
-3.7987

■ 85.9902, 3.1580,  
-3.7987

■ 77.8789, 12.6395,  
-14.5519

■ 94.4179, -6.1338,  
6.3046

■ 70.1309, 22.3300,  
-26.0903

■ 99.2108, -9.0281,  
11.7082

■ 62.8163, 32.2080,  
-38.5402

■ 99.5346, -7.8914,  
12.0879

■ 56.0237, 42.1818,  
-51.9854

■ 49.8669, 52.0193,  
-66.3788

■ 44.4858, 61.2501,  
-81.3893

■ 40.0366, 69.0766,  
-96.2038

■ 36.6566, 74.4409,  
-109.4497

■ 34.3444, 76.6457,  
-119.8130

# Harmonies

## Analogous

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



85.9920, -2.2317, -6.6302



85.9902, 3.1580, -3.7987



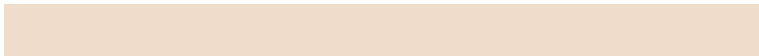
85.9920, 6.5200, 1.2370

# Triad

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



85.9920, 3.1560, -3.7972



85.9920, -1.0163, 14.3690



85.9920, -15.4740, 2.4165

# Complementary

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



85.9902, 3.1580, -3.7987



91.6136, -12.3548, 12.8610

# 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.



85.9920, -15.1686, 7.9877



85.9902, 3.1580, -3.7987



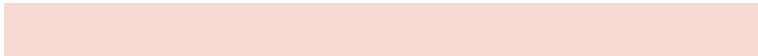
85.9920, -6.9289, 14.6375

# Square

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



85.9920, 3.1560, -3.7972



85.9920, 4.0665, 11.6148



85.9920, -12.0768, 12.3748



85.9920, -12.9227, -2.8835



# Rectangle

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



85.9902, 3.1580, -3.7987



85.9920, 7.1083, 5.0362



85.9920, -12.0768, 12.3748



85.9920, -15.7001, 4.3238

# Sweetspot

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



85.9920, 3.1560, -3.7972



97.2621, -2.3537, 2.2193



87.6904, -5.4411, -1.8003



44.6615, -0.7189, 0.6250

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.9920, 3.1560, -3.7972



90.9842, 4.6735, -5.5054



86.8330, 5.8964, -1.9389



39.5910, 1.7799, -2.1122



25.3797, 57.0328, -88.7867



7.7100, 16.9195, -23.8230



# Inverse Universe

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



86.4829, 4.0172, 3.0383



91.5929, 5.7343, 2.9585



90.8684, -14.9374, 11.3678



39.8388, 2.2130, 1.3357



32.7126, 57.7335, 7.8655

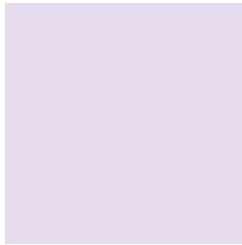


9.5382, 17.0279, 0.7881



# Previews

## White Background



This preview shows how the HunterLab color 85.9902, 3.1580, -3.7987 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

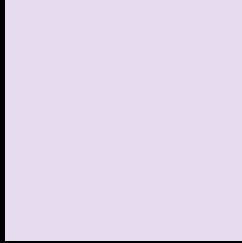
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.9902, 3.1580, -3.7987 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

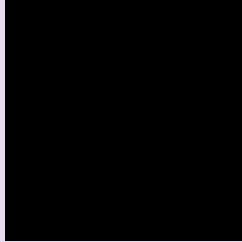
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

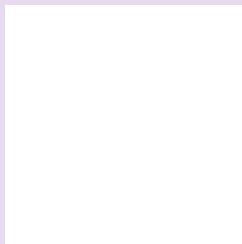
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 85.9902, 3.1580, -3.7987 Background



This preview shows how black text looks on a background with the HunterLab color 85.9902, 3.1580, -3.7987.



This preview shows how white text looks on a background with the HunterLab color 85.9902, 3.1580,

-3.7987.

# 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

85.9902, 3.1580, -3.7987

### Protanopia

86.1295, -0.9448, -4.7710

### Deuteranopia

85.9776, 6.2160, -3.7613



## Tritanopia

86.1915, 2.0734, -1.9669

# Trichromacy



## Original Color

85.9902, 3.1580, -3.7987

## Protanomaly

86.0647, 0.3443, -4.2910

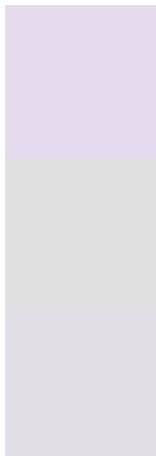
## Deuteranomaly

86.0792, 5.0124, -3.6527

## Tritanomaly

86.2255, 2.2570, -2.4492

# Monochromacy



## Original Color

85.9902, 3.1580, -3.7987

## Achromatopsia

86.7722, -4.6299, 4.7145

## Achromatomaly

86.4982, -2.0703, 1.9489

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.9902, 3.1580, -3.7987 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, 219, 240)` looks like.

```
.text, #text, p{  
    color:rgb(231, 219, 240)  
}
```

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, 219, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 219, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.9902, 3.1580, -3.7987 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, 219, 240) }
```



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

```
.border{ border-color:rgb(231, 219, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 219, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 219, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 219, 240);  
box-shadow:4px 4px 4px 4px rgb(231, 219,  
240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.9902, 3.1580, -3.7987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 219, 240) }
```

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

```
.background{ background-color: rgb(231,  
219, 240) }
```

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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