

# Converting Colors

HunterLab(87.3537, -7.1553,  
3.8646)

Have a look what the booklet for  
HunterLab(87.3537, -7.1553, 3.8646)  
contains.

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# Color

**HunterLab(87.3521, -7.2451,  
3.8799)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCE4E4
RGB	220, 228, 228
RGB Percent	86%, 89%, 89%
CMY	0.1372, 0.1059, 0.1059
CMYK	0.04, 0.00, 0.00, 0.11
HSL	180°, 13%, 88%
HSV	180°, 4%, 89%
XYZ	71.2622, 76.3039, 84.3710
YIQ	225.6080, -4.7680, -1.6960

# Conversions

## Conversions Part 2

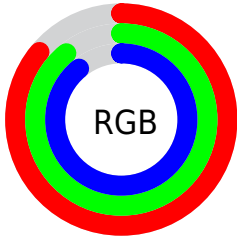
Format	Color
R <sub>Y</sub> B	220, 224, 228
Decimal	14476516
CIE Lab	90.00, -2.67, -0.94
CIE LCh	90, 2.829, 199.386
Yxy	76.3071, 0.3072, 0.3290
Android (android.graphics.Color)	4292666596 (0xFFDCE4E4)
YUV	225.6080, 1.1793, -4.9182
Hunter-Lab	87.3521, -7.2451, 3.8799

# Details

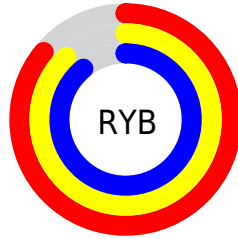
The HunterLab color  $87.3521, -7.2451, 3.8799$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $85.3521, -1.9075, 5.5225$ , and the grayscale version is  $87.0353, -4.6440, 4.7288$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $63.9559, -5.8558, 2.6560$  is the 20% darker color. If you saturate the color by 10%, you get  $85.4331, -14.0637, 1.4635$ , and if you desaturate by 10%, it is  $89.5049, 0.2065, 6.5294$ .

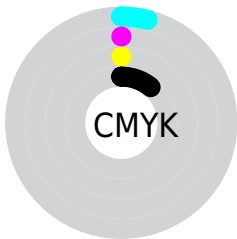
# Distribution



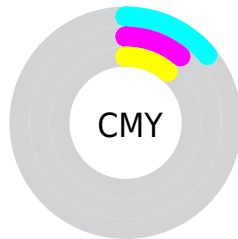
- Red (86%)
- Green (89%)
- Blue (89%)



- Red (86%)
- Yellow (88%)
- Blue (89%)



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



- Cyan (14%)
- Magenta (11%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3521, -7.2451, 3.8799 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 87.3521, -7.2451, 3.8799 by changing the saturation by 10% instead.



■ 87.3521, -7.2451,  
3.8799

■ 87.3521, -7.2451,  
3.8799

219.6357,  
-15.2505, 10.7702

■ 75.2890, -6.4763,  
3.2663

113.2082, -8.8635,  
5.2105

■ 63.8372, -5.7316,  
2.6870

126.9491, -9.7082,  
5.9217

■ 53.0333, -5.0133,  
2.1455

141.2050,  
-10.5763, 6.6623

■ 42.9187, -4.3220,  
1.6447

155.9579,  
-11.4673, 7.4311

■ 33.5440, -3.6581,  
1.1880

171.1914,  
-12.3807, 8.2272

■ 24.9732, -3.0214,  
0.7800

186.8911,

■ 17.2901, -2.4108,

-13.3160, 9.0496

0.4269

203.0433,  
-14.2728, 9.8975

■ 10.6125, -1.8224,  
0.1381

■ 0.1394, -0.2439,  
-27.9128

■ 87.3521, -7.2451,  
3.8799

■ 87.3521, -7.2451,  
3.8799

■ 85.4331, -14.0637,  
1.4635

■ 89.5049, 0.2065,  
6.5294

■ 83.7465, -20.1823,  
-0.7032

■ 90.7482, 4.4335,  
8.0307

■ 82.2960, -25.5507,  
-2.6012

■ 90.7485, 4.4352,  
8.0261

■ 81.0804, -30.1292,  
-4.2174

■ 90.7489, 4.4369,  
8.0215

■ 80.0952, -33.8957,  
-5.5447

■ 90.7492, 4.4386,  
8.0169

■ 79.3321, -36.8488,  
-6.5833

■ 90.7495, 4.4404,  
8.0123

■ 78.7783, -39.0119,  
-7.3420

■ 90.7498, 4.4421,  
8.0077

■ 78.4162, -40.4359,  
-7.8392

■ 90.7502, 4.4438,  
8.0031

■ 78.2214, -41.2055,  
-8.1050

■ 90.7505, 4.4456,  
7.9985

# Harmonies

## Analogous

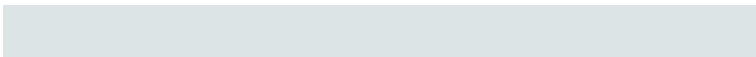
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3540, -7.3547, 5.2358



87.3521, -7.2451, 3.8799



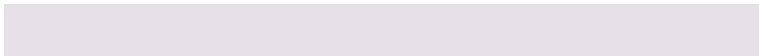
87.3540, -6.4502, 2.7438

# Triad

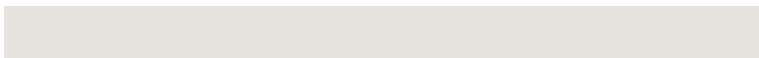
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3540, -7.2470, 3.8813



87.3540, -2.5663, 3.0332



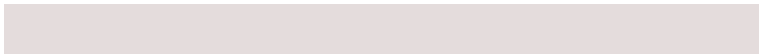
87.3540, -4.1581, 7.2896

# Complementary

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



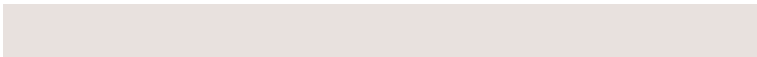
87.3521, -7.2451, 3.8799



85.3521, -1.9075, 5.5225

# 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.



87.3540, -2.8666, 6.7193



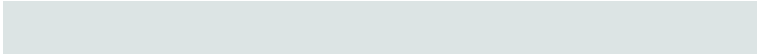
87.3521, -7.2451, 3.8799



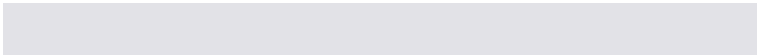
87.3540, -1.9437, 4.2713

# Square

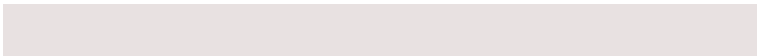
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



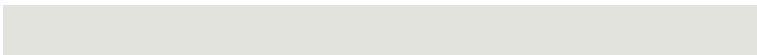
87.3540, -7.2470, 3.8813



87.3540, -3.7501, 2.2487



87.3540, -2.0540, 5.6196



87.3540, -5.5775, 7.1890

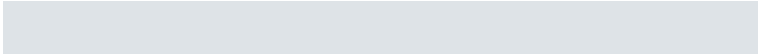


# Rectangle

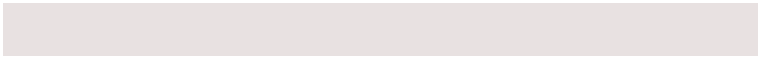
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



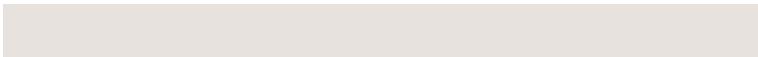
87.3521, -7.2451, 3.8799



87.3540, -5.6326, 2.2685



87.3540, -2.0540, 5.6196



87.3540, -3.6945, 7.1704

# Sweetspot

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



87.3540, -7.2470, 3.8813



99.7595, -6.1736, 5.1356



87.1171, -8.5775, 7.4481



46.1588, -2.8370, 2.3828

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

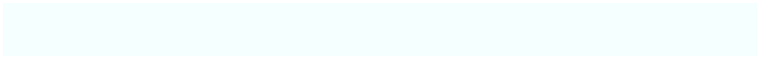


# Same Dimension

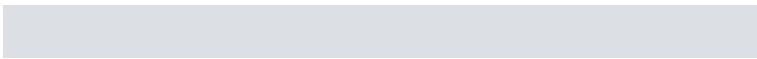
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.3540, -7.2470, 3.8813



99.0536, -8.6439, 4.2586



86.1409, -5.2532, 2.4653



40.8516, -3.8051, 1.6760



59.3896, -31.5036, -6.2246

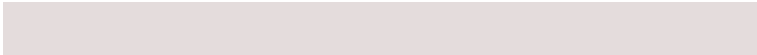


16.1445, -8.5632, -1.6937



# Inverse Universe

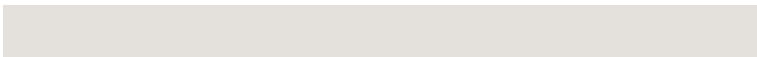
The Inverse Universe completely reimagines the original color for something new.



85.3521, -1.9075, 5.5225



96.4492, -1.6970, 6.3939



86.5470, -3.9171, 6.8748



39.5883, -0.4351, 2.7119



30.8616, 52.8521, 19.9375

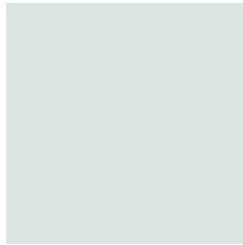


8.3896, 14.3681, 5.4164



# Previews

## White Background



This preview shows how the HunterLab color 87.3521, -7.2451, 3.8799 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

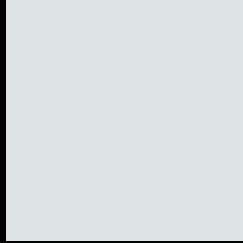
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.3521, -7.2451, 3.8799 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

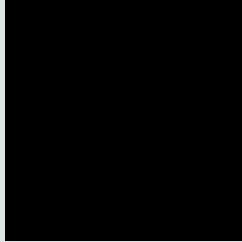
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

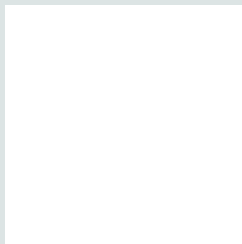
Any Text WCAG AAA ✓ Pass

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

# HunterLab 87.3521, -7.2451, 3.8799 Background



This preview shows how black text looks on a background with the HunterLab color 87.3521, -7.2451, 3.8799.



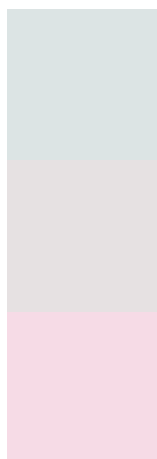
This preview shows how white text looks on a background with the HunterLab color 87.3521, -7.2451, 3.8799.

3.8799.

# 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

87.3521, -7.2451, 3.8799

### Protanopia

87.2722, -2.8331, 4.8455

### Deuteranopia

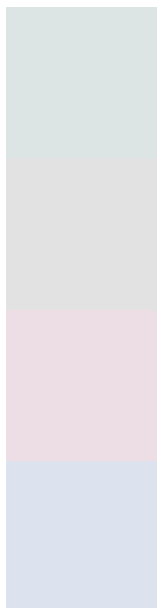
87.1602, 6.4327, 2.8955



## Tritanopia

87.4033, -2.8535, -3.7124

# Trichromacy



## Original Color

87.3521, -7.2451, 3.8799

## Protanomaly

87.2396, -4.4803, 4.2880

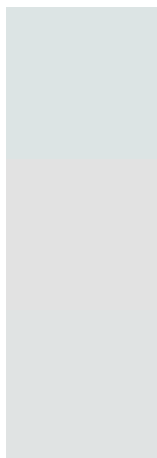
## Deuteranomaly

87.1230, 1.5843, 3.2656

## Tritanomaly

87.4548, -4.6193, -1.0303

# Monochromacy



## Original Color

87.3521, -7.2451, 3.8799

## Achromatopsia

87.2081, -4.6532, 4.7382

## Achromatomaly

87.3679, -5.6392, 4.4193

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.3521, -7.2451, 3.8799 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(220, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(220, 228, 228)  
}
```

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(220, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 228, 228) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.3521, -7.2451, 3.8799 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(220, 228, 228) }
```



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

```
.border{ border-color:rgb(220, 228, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(220, 228,  
228) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.3521, -7.2451, 3.8799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 228, 228) }
```

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

```
.background{ background-color: rgb(220,  
228, 228) }
```

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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