

# Converting Colors

HunterLab(87.1239, -3.9891,  
2.9217)

Have a look what the booklet for  
HunterLab(87.1239, -3.9891, 2.9217)  
contains.

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# Color

**HunterLab(87.2109, -4.4528,  
3.2648)**

# Conversions

| Conversions Part 1 |                           |
|--------------------|---------------------------|
| Format             | Color                     |
| Hex                | E1E2E5                    |
| RGB                | 225, 226, 229             |
| RGB Percent        | 88%, 89%, 90%             |
| CMY                | 0.1176, 0.1137, 0.1020    |
| CMYK               | 0.02, 0.01, 0.00, 0.10    |
| HSL                | 225°, 7%, 89%             |
| HSV                | 225°, 2%, 90%             |
| XYZ                | 72.3906, 76.0574, 84.9940 |
| YIQ                | 226.0430, -1.5590, 0.7210 |

# Conversions

## Conversions Part 2

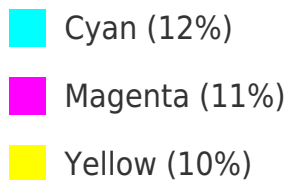
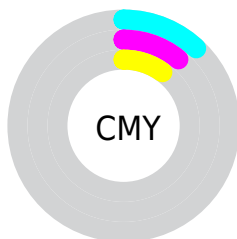
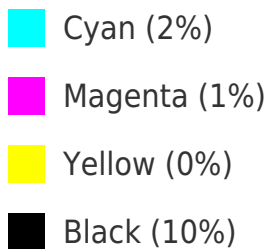
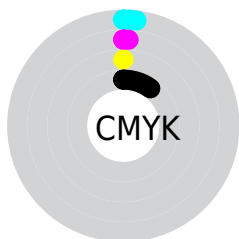
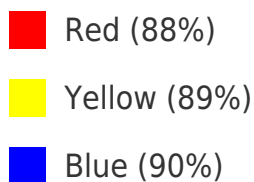
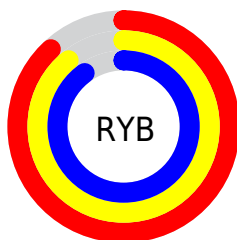
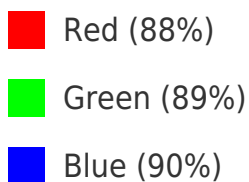
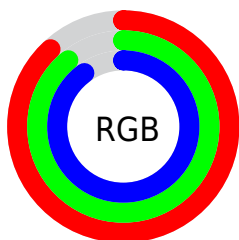
| Format                              | Color                                      |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">225, 226, 229</a>              |
| Decimal                             | <a href="#">14803685</a>                   |
| CIELab                              | <a href="#">89.89, 0.21, -1.59</a>         |
| CIELCh                              | <a href="#">90, 1.601, 277.501</a>         |
| Yxy                                 | <a href="#">76.0607, 0.3101, 0.3258</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4292993765</a><br>(0xFFE1E2E5) |
| YUV                                 | <a href="#">226.0430, 1.4578, -0.9147</a>  |
| Hunter-Lab                          | <a href="#">87.2109, -4.4528, 3.2648</a>   |

# Details

The HunterLab color 87.2109, -4.4528, 3.2648 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 88.0796, -4.8877, 6.2373, and the grayscale version is 87.2228, -4.6540, 4.7390.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 63.8184, -3.2132, 2.0654 is the 20% darker color. If you saturate the color by 10%, you get 79.8475, -2.7146, -5.8904, and if you desaturate by 10%, it is 94.7586, -5.8652, 11.9044.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.2109, -4.4528, 3.2648 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 87.2109, -4.4528, 3.2648 by changing the saturation by 10% instead.




 87.2109, -4.4528,  
3.2648

 87.2109, -4.4528,  
3.2648


219.4437,  
-11.4442, 9.9386

 75.1547, -3.8206,  
2.6803


113.0543, -5.8167,  
4.5412

 63.7101, -3.2197,  
2.1314

126.7892, -6.5416,  
5.2269

 52.9137, -2.6540,  
1.6222


141.0393, -7.2944,  
5.9429

 42.8073, -2.1259,  
1.1557

155.7865, -8.0741,  
6.6879

 33.4414, -1.6384,  
0.7360

171.0147, -8.8796,  
7.4609

 24.8802, -1.1950,  
0.3683


186.7091, -9.7103,

 17.2079, -0.8006,


8.2609


0.0598


202.8562,  
-10.5654, 9.0870


 10.5426, -0.4624,  
-0.1782


0.0000, NaN, -NF


 87.2109, -4.4528,  
3.2648


 87.2109, -4.4528,  
3.2648

 79.8475, -2.7146,  
-5.8904

 94.7586, -5.8652,  
11.9044

 72.6856, -0.5709,  
-15.6897

 99.2155, -9.6505,  
16.6680

 65.7559, 2.0705,  
-26.2859

 59.0958, 5.3291,  
-37.8657

■ 52.7545, 9.3532,  
-50.6428

■ 46.7969, 14.3164,  
-64.8334

■ 41.3096, 20.3955,  
-80.5840

■ 36.4049, 27.7052,  
-97.8126

■ 32.2196, 36.1514,  
-115.9264

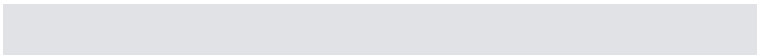
# Harmonies

## Analogous

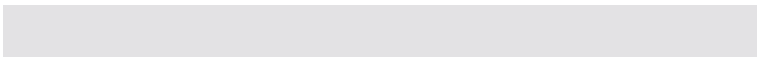
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2128, -5.2530, 3.3679



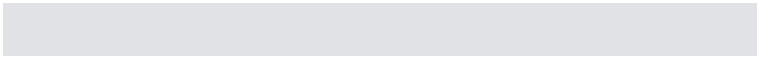
87.2109, -4.4528, 3.2648



87.2128, -3.7084, 3.5642

# Triad

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



87.2128, -4.4548, 3.2662



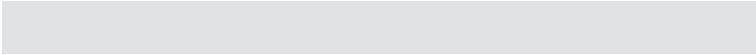
87.2128, -3.4197, 5.6440



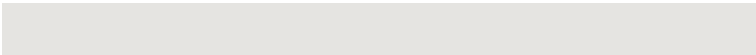
87.2128, -6.0917, 5.3120

# Complementary

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



87.2109, -4.4528, 3.2648



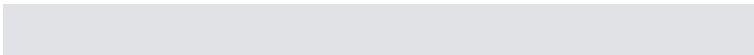
88.0796, -4.8877, 6.2373

# 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.



87.2128, -5.6038, 5.9139



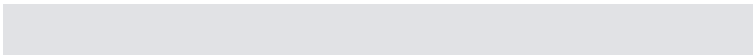
87.2109, -4.4528, 3.2648



87.2128, -4.0616, 6.1043

# Square

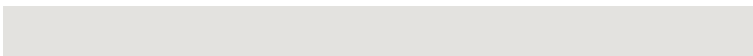
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



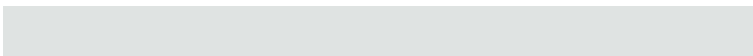
87.2128, -4.4548, 3.2662



87.2128, -3.1093, 4.9403



87.2128, -4.8613, 6.2027

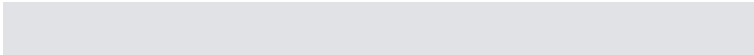


87.2128, -6.1962, 4.5537



# Rectangle

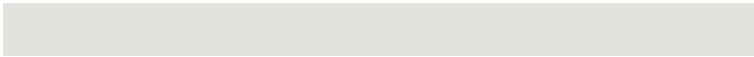
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.2109, -4.4528, 3.2648



87.2128, -3.3413, 3.9478



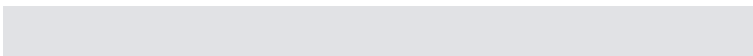
87.2128, -4.8613, 6.2027



87.2128, -5.9672, 5.5391

# Sweetspot

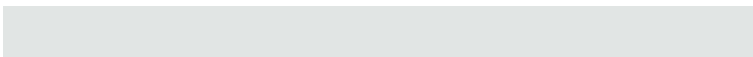
The Sweet Spot groups the original color and five complimentary colors.



87.2128, -4.4548, 3.2662



99.1498, -5.1625, 4.4314



88.1165, -6.1918, 4.8334



45.8907, -2.3924, 2.0732

0.0000, NaN, NaN

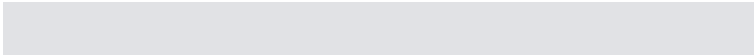


46.2646, -2.4686, 2.5136

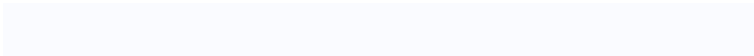


# Same Dimension

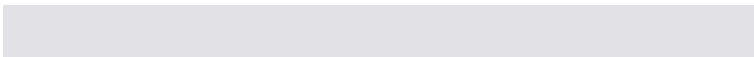
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2128, -4.4548, 3.2662



98.3017, -4.9856, 3.4238



86.9866, -3.6336, 3.0102



40.6496, -2.0684, 1.4643



22.5734, 31.7968, -96.8549



7.2231, 5.6194, -21.1591



# Inverse Universe

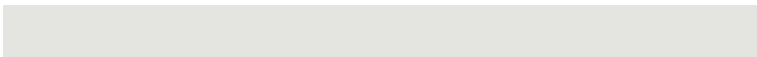
The Inverse Universe completely reimagines the original color for something new.



87.1785, -3.1596, 4.7269



98.2576, -3.3007, 5.3267



88.3069, -5.7100, 6.4863



40.6323, -1.4140, 2.2029



31.1643, 53.9726, 15.4644

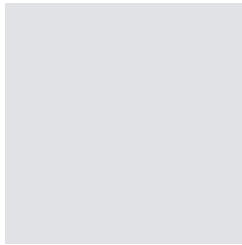


8.5577, 14.9889, 2.9446



# Previews

## White Background



This preview shows how the HunterLab color 87.2109, -4.4528, 3.2648 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

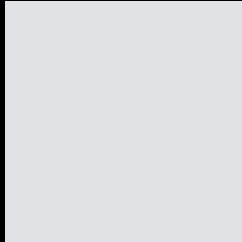
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.2109, -4.4528, 3.2648 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

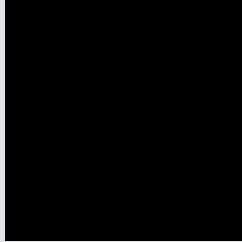
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

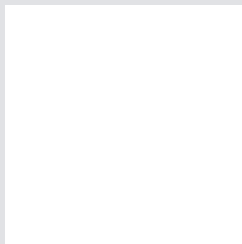
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.2109, -4.4528, 3.2648 Background



This preview shows how black text looks on a background with the HunterLab color 87.2109, -4.4528, 3.2648.



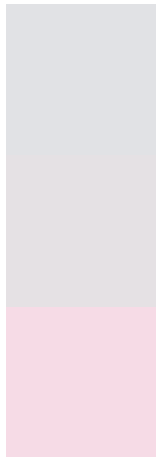
This preview shows how white text looks on a background with the HunterLab color 87.2109, -4.4528,



# 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

87.2109, -4.4528, 3.2648

### Protanopia

87.2410, -2.8146, 3.8255

### Deuteranopia

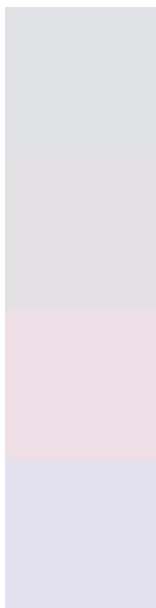
87.1602, 6.4327, 2.8955



## Tritanopia

87.2084, -0.4105, -3.3815

# Trichromacy



## Original Color

87.2109, -4.4528, 3.2648

## Protanomaly

87.1469, -3.1400, 3.7080

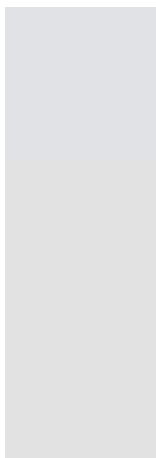
## Deuteranomaly

87.2541, 2.0949, 2.9322

## Tritanomaly

87.2546, -2.1797, -0.7148

# Monochromacy



## Original Color

87.2109, -4.4528, 3.2648

## Achromatopsia

87.2081, -4.6532, 4.7382

## Achromatomaly

87.2396, -4.4803, 4.2880

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.2109, -4.4528, 3.2648 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(225, 226, 229) looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 229)  
}
```

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(225, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 229) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.2109, -4.4528, 3.2648 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(225, 226, 229) }
```



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

```
.border{ border-color:rgb(225, 226, 229) }
```

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

Here you see how a box with a 4 pixel rgb(225, 226, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 229);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
229) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.2109, -4.4528, 3.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 229) }
```

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

```
.background{ background-color: rgb(225,  
226, 229) }
```

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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awesome pro features!

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