

# Converting Colors

HunterLab(82.9002, -27.6217,  
52.4785)

Have a look what the booklet for  
HunterLab(82.9002, -27.6217,  
52.4785) contains.

<b>HunterLab(82.8787, -26.7369, 50.6014)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(82.8787,  
-26.7369, 50.6014)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6E200
RGB	214, 226, 0
RGB Percent	84%, 89%, 0%
CMY	0.1608, 0.1137, 0.9999
CMYK	0.05, 0.00, 1.00, 0.11
HSL	63°, 100%, 44%
HSV	63°, 100%, 89%
XYZ	54.9278, 68.6888, 10.3632
YIQ	196.6480, 65.3940, -72.8300

# Conversions

## Conversions Part 2

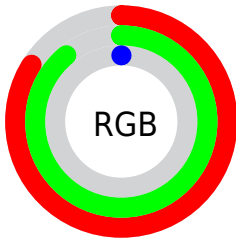
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 226, 12
Decimal	14082560
CIELab	86.35, -24.69, 85.15
CIELCh	86, 88.656, 106.171
Yxy	68.6920, 0.4100, 0.5127
Android (android.graphics.Color)	4292272640 (0xFFD6E200)
YUV	196.6480, -96.9475, 15.2177
Hunter-Lab	82.8787, -26.7369, 50.6014

# Details

The HunterLab color **82.8787, -26.7369, 50.6014** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **23.6017, 63.6773, -165.1025**, and the grayscale version is **74.9545, -3.9994, 4.0724**.

A 20% lighter version of the original color is **96.6961, -23.7482, 53.3728**, and **59.9965, -22.0184, 36.5841** is the 20% darker color. If you saturate the color by 10%, you get **82.8804, -26.7404, 50.6024**, and if you desaturate by 10%, it is **83.0263, -26.1216, 50.1380**.

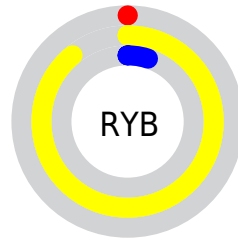
# Distribution



Red (84%)

Green (89%)

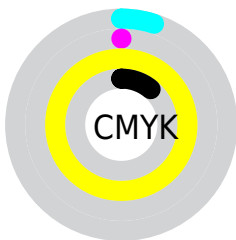
Blue (0%)



Red (0%)

Yellow (89%)

Blue (5%)

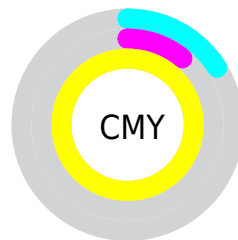


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (16%)

Magenta (11%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.8787, -26.7369, 50.6014 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 82.8787, -26.7369, 50.6014 by changing the saturation by 10% instead.



■ 82.8787, -26.7369,  
50.6014

■ 82.8787, -26.7369,  
50.6014

213.5284,  
-42.8165, 92.8718

■ 71.0358, -24.8584,  
45.1073

■ 108.3243,  
-30.4095, 60.9954

■ 59.8162, -22.9335,  
39.3944

■ 121.8724,  
-32.2118, 65.9309

■ 49.2586, -20.9510,  
33.4705

■ 135.9425,  
-33.9989, 70.7157

■ 39.4077, -18.8911,  
27.5854

■ 150.5158,  
-35.7746, 75.3656

■ 30.3182, -16.7243,  
21.2228

■ 165.5757,  
-37.5419, 79.8946

■ 22.0604, -14.4038,  
15.4423

■ 181.1068,

■ 14.7282, -11.8486,

-39.3034, 84.3150

10.3098

197.0953,  
-41.0610, 88.6375

■ 8.3853, -13.2790,  
5.8697

0.0000, NaN, NaN

■ 82.8787, -26.7369,  
50.6014

■ 82.8787, -26.7369,  
50.6014

■ 82.8804, -26.7404,  
50.6024

■ 83.0263, -26.1216,  
50.1380

■ 83.2149, -25.2599,  
49.0489

■ 83.4597, -24.0799,  
47.1399

■ 83.7681, -22.5429,  
44.3080

■ 84.1457, -20.6194,  
40.4743

■ 84.5975, -18.2876,  
35.5793

■ 85.1271, -15.5319,  
29.5794

■ 85.7378, -12.3425,  
22.4457

■ 86.4321, -8.7145,  
14.1621

# Harmonies

## Analogous

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



82.8806, 16.8248, 50.8280



82.8787, -26.7369, 50.6014



82.8806, -57.1451, 43.1806

# Triad

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



82.8806, -26.7397, 50.6019



82.8806, -55.3416, -77.2965



82.8806, 94.9958, -17.1713

# Complementary

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



82.8787, -26.7369, 50.6014



23.6017, 63.6773, -165.1025

# 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.



82.8806, 66.0234, -73.0161



82.8787, -26.7369, 50.6014



82.8806, -23.7317, -118.2038

# Square

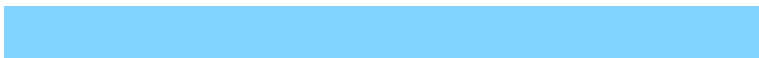
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8806, -26.7397, 50.6019



82.8806, -71.1419, -21.2368



82.8806, 20.5289, -116.3221



82.8806, 93.7171, 23.9747



# Rectangle

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



82.8787, -26.7369, 50.6014



82.8806, -68.5913, 30.9260



82.8806, 20.5289, -116.3221



82.8806, 88.2480, -35.1287

# Sweetspot

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



82.8806, -26.7397, 50.6019



97.5970, -17.8825, 34.0780



40.5176, 67.8212, 26.1528



45.0288, -8.9195, 17.1843

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.8806, -26.7397, 50.6019



95.0264, -30.6932, 58.0175



75.6336, -55.3125, 45.6360



39.9882, -3.9324, 6.3246



62.6124, -20.1464, 38.2288



16.5193, -5.1735, 10.0885



# Inverse Universe

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



23.6017, 63.6773, -165.1025



27.0366, 73.0048, -189.5322



31.3061, 71.1474, -115.7394



36.4388, 0.0077, -2.5839



17.8688, 48.1315, -124.3483

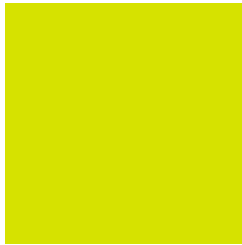


4.8347, 12.7706, -31.6894



# Previews

## White Background



This preview shows how the HunterLab color 82.8787, -26.7369, 50.6014 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

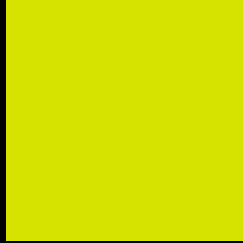
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.8787, -26.7369, 50.6014 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 82.8787, -26.7369, 50.6014 Background



This preview shows how black text looks on a background with the HunterLab color 82.8787, -26.7369, 50.6014.



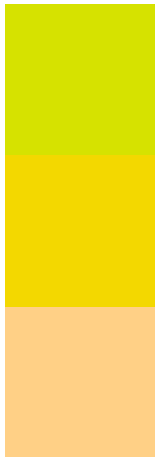
This preview shows how white text looks on a background with the HunterLab color 82.8787,

-26.7369, 50.6014.

# 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

82.8787, -26.7369, 50.6014

### Protanopia

82.5630, -11.4841, 50.6739

### Deuteranopia

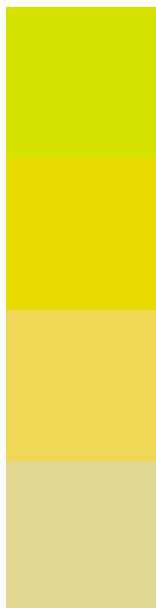
82.5185, 2.9011, 34.6929



## Tritanopia

82.7419, 5.2315, -0.9982

# Trichromacy



## Original Color

82.8787, -26.7369, 50.6014

## Protanomaly

82.6693, -17.5549, 50.6331

## Deuteranomaly

82.3298, -9.9248, 44.3683

## Tritanomaly

81.8368, -11.6236, 31.1079

# Monochromacy



## Original Color

82.8787, -26.7369, 50.6014

## Achromatopsia

74.7222, -3.9870, 4.0598

## Achromatomaly

76.9993, -16.7844, 32.2131

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.8787, -26.7369, 50.6014 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(214, 226, 0)` looks like.

```
.text, #text, p{  
    color:rgb(214, 226, 0)  
}
```

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(214, 226, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 226, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.8787, -26.7369, 50.6014 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(214, 226, 0) }
```



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

```
.border{ border-color:rgb(214, 226, 0) }
```

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

Here you see how a box with a 4 pixel rgb(214, 226, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 226, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 226, 0);  
box-shadow:4px 4px 4px 4px rgb(214, 226,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.8787, -26.7369, 50.6014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 226, 0) }
```

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

```
.background{ background-color: rgb(214,  
226, 0) }
```

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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