

# Converting Colors

HunterLab(81.6552, -26.1753,  
39.3602)

Have a look what the booklet for  
HunterLab(81.6552, -26.1753,  
39.3602) contains.

<b>HunterLab(81.7514, -26.2431, 39.4225)</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(81.7514,  
-26.2431, 39.4225)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9E06D
RGB	201, 224, 109
RGB Percent	79%, 88%, 43%
CMY	0.2118, 0.1215, 0.5725
CMYK	0.10, 0.00, 0.51, 0.12
HSL	72°, 65%, 65%
HSV	72°, 51%, 88%
XYZ	53.5034, 66.8329, 24.5481
YIQ	204.0130, 23.2070, -40.6410

# Conversions

## Conversions Part 2

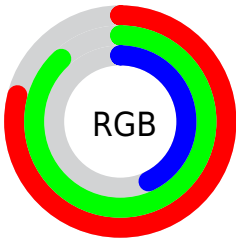
Format	Color
<a href="#">RYB</a>	<a href="#">109, 224, 132</a>
Decimal	<a href="#">13230189</a>
CIELab	<a href="#">85.42, -24.31, 53.14</a>
CIElCh	<a href="#">85, 58.434, 114.587</a>
Yxy	<a href="#">66.8359, 0.3693, 0.4613</a>
Android (android.graphics.Color)	<a href="#">4291420269</a> ( <a href="#">0xFFC9E06D</a> )
YUV	<a href="#">204.0130, -46.8414, -2.6424</a>
Hunter-Lab	<a href="#">81.7514, -26.2431, 39.4225</a>

# Details

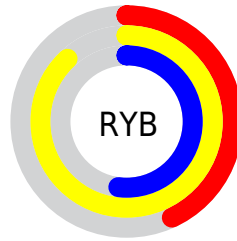
The HunterLab color **81.7514, -26.2431, 39.4225** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **46.0721, 29.5662, -61.8512**, and the grayscale version is **77.9003, -4.1566, 4.2325**.

A 20% lighter version of the original color is **97.6854, -18.1677, 38.8443**, and **58.8907, -22.4974, 32.1276** is the 20% darker color. If you saturate the color by 10%, you get **81.1180, -29.1561, 42.9456**, and if you desaturate by 10%, it is **82.4691, -22.9149, 34.8750**.

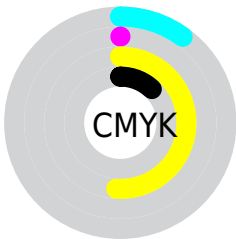
# Distribution



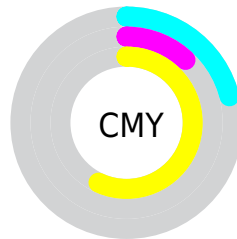
- Red (79%)
- Green (88%)
- Blue (43%)



- Red (43%)
- Yellow (88%)
- Blue (52%)



- Cyan (10%)
- Magenta (0%)
- Yellow (51%)
- Black (12%)



- Cyan (21%)
- Magenta (12%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.7514, -26.2431, 39.4225 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 81.7514, -26.2431, 39.4225 by changing the saturation by 10% instead.



81.7514, -26.2431,  
39.4225

81.7514, -26.2431,  
39.4225

211.9813,  
-42.1877, 67.5656

69.9652, -24.3808,  
35.8187

107.0912,  
-29.8831, 46.2407

58.8055, -22.4727,  
32.0508

120.5897,  
-31.6697, 49.4922

48.3117, -20.5071,  
28.0880

134.6121,  
-33.4416, 52.6588

38.5291, -18.4640,  
23.8939

149.1394,  
-35.2024, 55.7521

29.5137, -16.3131,  
19.5451

164.1546,  
-36.9551, 58.7818

21.3375, -14.0065,  
14.9363

179.6425,

14.0975, -11.4600,

-38.7022, 61.7562

9.8683

195.5890,  
-40.4459, 64.6822

■ 7.7469, -13.5570,  
5.4228

0.0000, NaN, NaN

■ 81.7514, -26.2431,  
39.4225

■ 81.7514, -26.2431,  
39.4225

■ 81.1180, -29.1561,  
42.9456

■ 82.4691, -22.9149,  
34.8750

■ 80.5594, -31.6621,  
45.4939


■ 83.2688, -19.1562,  
29.2671


■ 80.0719, -33.7876,  
47.1402


■ 84.1545, -14.9670,  
22.5803

■ 79.6487, -35.5678,  
47.9844

■ 85.1280, -10.3501,  
14.8085

 79.3228, -36.8934,  
48.2325

 86.1902, -5.3127,  
5.9573

 87.3415, 0.1342,  
-3.9577

 88.1769, 3.8022,  
-9.2133

 88.6074, 5.2547,  
-8.6135

 89.0467, 6.7296,  
-8.0048

# Harmonies

## Analogous

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



81.7532, 0.9465, 41.5434



81.7514, -26.2431, 39.4225



81.7532, -44.9376, 29.5555

# Triad

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



81.7532, -26.2454, 39.4232



81.7532, -34.1641, -51.4811



81.7532, 58.7003, -0.6998

# Complementary

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



81.7514, -26.2431, 39.4225



46.0721, 29.5662, -61.8512

# 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.



81.7532, 46.0809, -32.5289



81.7514, -26.2431, 39.4225



81.7532, -9.5472, -67.6900

# Square

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



81.7532, -26.2454, 39.4232



81.7532, -49.0447, -20.7672



81.7532, 20.0865, -59.7625



81.7532, 52.6065, 23.5455



# Rectangle

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



81.7514, -26.2431, 39.4225



81.7532, -51.3732, 17.2999



81.7532, 20.0865, -59.7625



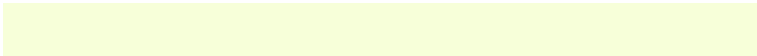
81.7532, 56.4590, -10.8975

# Sweetspot

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



81.7532, -26.2454, 39.4232



98.1602, -14.0610, 20.6918



57.8411, 27.6340, 21.2938



45.3025, -7.0314, 10.4593

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



81.7532, -26.2454, 39.4232



93.8768, -34.1136, 50.1220



77.6551, -42.0372, 36.0677



39.8546, -4.4040, 6.1728



60.5575, -27.9879, 36.8253



16.0547, -6.9375, 9.7714



# Inverse Universe

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



46.0721, 29.5662, -61.8512



45.1454, 44.7405, -95.6477



52.1571, 45.7425, -47.2300



36.5714, 0.4609, -2.4035



18.6907, 48.7681, -117.8416

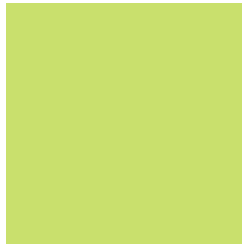


5.2885, 13.1624, -28.4094



# Previews

## White Background



This preview shows how the HunterLab color 81.7514, -26.2431, 39.4225 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 81.7514, -26.2431, 39.4225 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

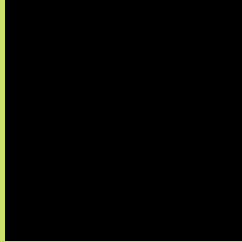
Any Text WCAG AA ✓ Pass

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 81.7514, -26.2431, 39.4225 Background



This preview shows how black text looks on a background with the HunterLab color 81.7514, -26.2431, 39.4225.



This preview shows how white text looks on a background with the HunterLab color 81.7514,

-26.2431, 39.4225.

# 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

81.7514, -26.2431, 39.4225

### Protanopia

81.5115, -9.2027, 40.3447

### Deuteranopia

81.3260, 4.8818, 34.0205



## Tritanopia

81.6315, -0.0180, -3.0098

# Trichromacy



## Original Color

81.7514, -26.2431, 39.4225

## Protanomaly

81.4581, -15.7937, 39.9928

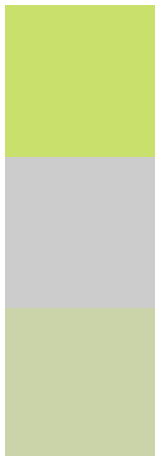
## Deuteranomaly

81.0592, -7.1002, 35.8763

## Tritanomaly

81.4347, -11.2330, 16.5655

# Monochromacy



## Original Color

81.7514, -26.2431, 39.4225

## Achromatopsia

77.7063, -4.1462, 4.2219

## Achromatomaly

78.8350, -13.2382, 20.1160

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 81.7514, -26.2431, 39.4225 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(201, 224, 109)` looks like.

```
.text, #text, p{  
    color:rgb(201, 224, 109)  
}
```

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(201, 224, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 224, 109) }
```

## Border

The CSS property to change the border of an element to HunterLab 81.7514, -26.2431, 39.4225 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(201, 224, 109) }
```



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

```
.border{ border-color:rgb(201, 224, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 224, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 224, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 224, 109);  
box-shadow:4px 4px 4px 4px rgb(201, 224,  
109) }
```

# Background

The CSS property to change the background color of an element to HunterLab 81.7514, -26.2431, 39.4225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 224, 109) }
```

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

```
.background{ background-color: rgb(201,  
224, 109) }
```

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