

# Converting Colors

HunterLab(74.1646, -56.4852,  
29.2361)

Have a look what the booklet for  
HunterLab(74.1646, -56.4852,  
29.2361) contains.

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# Color

**HunterLab(74.0216,  
-56.3324, 29.0849)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E07D
RGB	0, 224, 125
RGB Percent	0%, 88%, 49%
CMY	0.9999, 0.1216, 0.5098
CMYK	1.00, 0.00, 0.44, 0.12
HSL	153°, 100%, 44%
HSV	153°, 100%, 88%
XYZ	30.3573, 54.7920, 28.3779
YIQ	145.7380, -101.7250, -78.2770

# Conversions

## Conversions Part 2

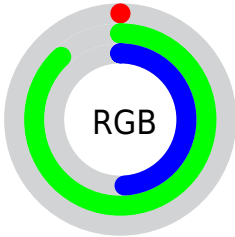
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 144, 224
Decimal	57469
CIELab	78.92, -67.37, 35.90
CIELCh	79, 76.336, 151.943
Yxy	54.7942, 0.2674, 0.4826
Android (android.graphics.Color)	4278247549 (0xFF00E07D)
YUV	145.7380, -10.2238, -127.8122
Hunter-Lab	74.0216, -56.3324, 29.0849

# Details

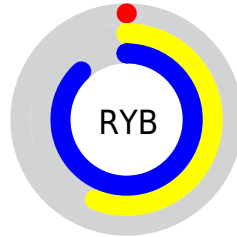
The HunterLab color **74.0216, -56.3324, 29.0849** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **40.9260, 72.2869, 9.3768**, and the grayscale version is **53.5802, -2.8589, 2.9111**.

A 20% lighter version of the original color is **88.2612, -53.4176, 24.8021**, and **53.0395, -42.1535, 24.7027** is the 20% darker color. If you saturate the color by 10%, you get **74.0229, -56.3341, 29.0870**, and if you desaturate by 10%, it is **74.3204, -54.7338, 26.5801**.

# Distribution



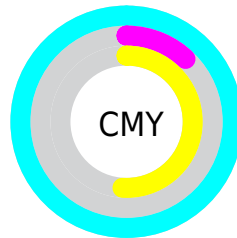
- Red (0%)
- Green (88%)
- Blue (49%)



- Red (0%)
- Yellow (56%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (12%)




- Cyan (100%)
- Magenta (12%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.0216, -56.3324, 29.0849 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 74.0216, -56.3324, 29.0849 by changing the saturation by 10% instead.





 74.0216, -56.3324,  
29.0849


 74.0216, -56.3324,  
29.0849


201.2787,  
-90.2214, 50.0970


 62.6394, -51.8839,  
26.4597


 98.6100, -64.6607,  
34.0821

 51.9077, -47.1869,  
23.7209


 111.7569,  
-68.6003, 36.4837


 41.8703, -42.1792,  
20.8388


 125.4411,  
-72.4204, 38.8356

 32.5791, -36.7722,  
17.7727

 139.6423,  
-76.1379, 41.1463

 24.0996, -30.8367,  
14.4682

 154.3423,  
-79.7663, 43.4227

 16.5186, -25.1622,  
11.5630

169.5248,

 9.9587, -17.4277,

-83.3170, 45.6703

6.9711

185.1747,  
-86.7994, 47.8937

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.0216, -56.3324,  
29.0849

■ 74.0216, -56.3324,  
29.0849

■ 74.0229, -56.3341,  
29.0870

■ 74.3204, -54.7338,  
26.5801


■ 74.7699, -52.4797,  
23.9748


■ 75.4128, -49.4174,  
21.3254


■ 76.2693, -45.4922,  
18.6739


■ 77.3531, -40.6861,

16.0600

 78.6726, -35.0110,  
13.5207

 80.2322, -28.5036,  
11.0887

 82.0322, -21.2191,  
8.7921

 84.0699, -13.2261,  
6.6535

# Harmonies

## Analogous

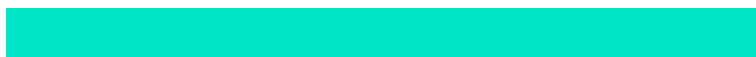
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0231, -37.5936, 41.2761



74.0216, -56.3324, 29.0849



74.0231, -61.9210, 1.7263

# Triad

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



74.0231, -56.3331, 29.0854



74.0231, -1.5555, -98.7950



74.0231, 65.6378, 31.3950

# Complementary

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



74.0216, -56.3324, 29.0849



40.9260, 72.2869, 9.3768

# 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.



74.0231, 80.2133, 6.2606



74.0216, -56.3324, 29.0849



74.0231, 37.0285, -78.1356

# Square

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



74.0231, -56.3331, 29.0854



74.0231, -34.1998, -82.6025



74.0231, 68.8527, -34.8271



74.0231, 32.0953, 42.0822



# Rectangle

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



74.0216, -56.3324, 29.0849



74.0231, -58.5221, -25.5663



74.0231, 68.8527, -34.8271



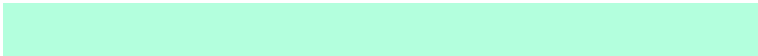
74.0231, 73.1819, 24.9144

# Sweetspot

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



74.0231, -56.3331, 29.0854



92.8842, -33.1921, 12.9046



74.8793, -54.7505, 45.1814



42.6030, -16.8858, 6.5163

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.0231, -56.3331, 29.0854



85.7215, -65.3361, 33.8974



72.7133, -35.9272, -13.3280



39.3252, -5.9647, 3.0555



56.4945, -42.8498, 21.8873



14.9338, -10.9102, 4.8859



# Inverse Universe

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



40.9260, 72.2869, 9.3768



47.3769, 83.6369, 11.2141



40.1151, 67.1333, 25.8934



37.1493, 2.0544, 1.1912



31.2586, 55.2804, 6.6403



8.3371, 14.9455, 0.2090



# Previews

## White Background



This preview shows how the HunterLab color 74.0216, -56.3324, 29.0849 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 74.0216, -56.3324, 29.0849 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

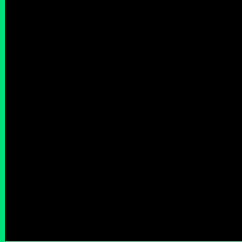
Any Text WCAG AA ✓ Pass

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 74.0216, -56.3324, 29.0849 Background



This preview shows how black text looks on a background with the HunterLab color 74.0216, -56.3324, 29.0849.



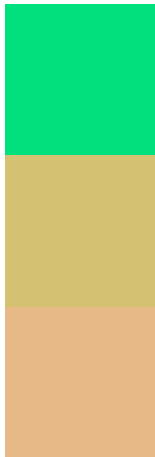
This preview shows how white text looks on a background with the HunterLab color 74.0216, -56.3324, 29.0849.

-56.3324, 29.0849.

# 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

74.0216, -56.3324, 29.0849

### Protanopia

73.3454, -7.9345, 32.1873

### Deuteranopia

73.0808, 5.4863, 26.8300



## Tritanopia

73.8804, -29.6191, -14.4831

# Trichromacy



## Original Color

74.0216, -56.3324, 29.0849



## Protanomaly

70.7966, -35.4137, 28.6507



## Deuteranomaly

69.7772, -28.6029, 24.2502



## Tritanomaly

73.2326, -41.8035, 4.4878

# Monochromacy



## Original Color

74.0216, -56.3324, 29.0849



## Achromatopsia

53.6135, -2.8607, 2.9129



## Achromatomaly

58.6807, -28.9629, 11.3573

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.0216, -56.3324, 29.0849 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(0, 224, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 125)  
}
```

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(0, 224, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 125) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.0216, -56.3324, 29.0849 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(0, 224, 125) }
```



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

```
.border{ border-color:rgb(0, 224, 125) }
```

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

Here you see how a box with a 4 pixel rgb(0, 224, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 224,  
125) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.0216, -56.3324, 29.0849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 125) }
```

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

```
.background{ background-color: rgb(0, 224,  
125) }
```

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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