

# Converting Colors

HunterLab(73.0581, -56.7253,  
31.1373)

Have a look what the booklet for  
HunterLab(73.0581, -56.7253,  
31.1373) contains.

<b>HunterLab(73.1146, -56.7637, 31.1496)</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(73.1146,  
-56.7637, 31.1496)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DE72
RGB	0, 222, 114
RGB Percent	0%, 87%, 45%
CMY	1.0000, 0.1294, 0.5529
CMYK	1.00, 0.00, 0.49, 0.13
HSL	151°, 100%, 44%
HSV	151°, 100%, 87%
XYZ	29.1585, 53.4574, 24.7011
YIQ	143.3100, -97.6440, -80.6520

# Conversions

## Conversions Part 2

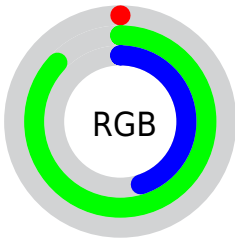
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 147, 222
Decimal	56946
CIELab	78.15, -68.58, 40.34
CIELCh	78, 79.561, 149.534
Yxy	53.4596, 0.2717, 0.4981
Android (android.graphics.Color)	4278247026 (0xFF00DE72)
YUV	143.3100, -14.4498, -125.6829
Hunter-Lab	73.1146, -56.7637, 31.1496

# Details

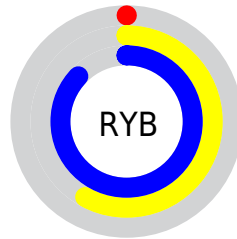
The HunterLab color **73.1146, -56.7637, 31.1496** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **40.7596, 72.4573, 5.7419**, and the grayscale version is **52.6205, -2.8077, 2.8590**.

A 20% lighter version of the original color is **87.9976, -55.0099, 28.6282**, and **52.2199, -42.3251, 26.0973** is the 20% darker color. If you saturate the color by 10%, you get **73.1159, -56.7653, 31.1513**, and if you desaturate by 10%, it is **73.4120, -55.1691, 28.6536**.

# Distribution



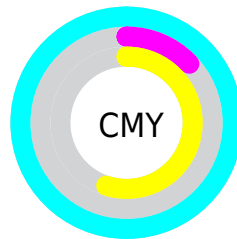
- Red (0%)
- Green (87%)
- Blue (45%)



- Red (0%)
- Yellow (58%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (13%)




- Cyan (100%)
- Magenta (13%)
- Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.1146, -56.7637, 31.1496 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 73.1146, -56.7637, 31.1496 by changing the saturation by 10% instead.





 73.1146, -56.7637,  
31.1496


 73.1146, -56.7637,  
31.1496


200.0115,  
-91.2554, 54.1158


 61.7817, -52.2215,  
28.2395


 97.6116, -65.2568,  
36.6628


 51.1024, -47.4205,  
25.1938


 110.7159,  
-69.2701, 39.3002


 41.1209, -42.2959,  
21.9795


 124.3591,  
-73.1593, 41.8757

 31.8902, -36.7548,  
18.5528

 138.5208,  
-76.9418, 44.3994

 23.4771, -30.6624,  
14.9884

 153.1827,  
-80.6318, 46.8791

 15.9704, -25.3183,  
11.1793

168.3282,

 9.4966, -16.6191,

-84.2412, 49.3215

6.6476

183.9423,  
-87.7796, 51.7322

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.1146, -56.7637,  
31.1496

■ 73.1146, -56.7637,  
31.1496

■ 73.1159, -56.7653,  
31.1513

■ 73.4120, -55.1691,  
28.6536


■ 73.8617, -52.9039,  
26.0079


■ 74.5065, -49.8157,  
23.2665


■ 75.3661, -45.8511,  
20.4709


■ 76.4541, -40.9937,

17.6617

 77.7788, -35.2578,  
14.8776

 79.3440, -28.6823,  
12.1546

 81.1500, -21.3249,  
9.5241

 83.1938, -13.2566,  
7.0130

# Harmonies

## Analogous

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



73.1161, -36.5069, 42.2760



73.1146, -56.7637, 31.1496



73.1161, -63.4957, 4.5425

# Triad

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



73.1161, -56.7645, 31.1500



73.1161, -4.4980, -104.9994



73.1161, 71.0213, 30.5925

# Complementary

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



73.1146, -56.7637, 31.1496



40.7596, 72.4573, 5.7419

# 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.



73.1161, 84.2930, 3.4128



73.1146, -56.7637, 31.1496



73.1161, 35.6482, -85.8227

# Square

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



73.1161, -56.7645, 31.1500



73.1161, -37.3436, -84.6765



73.1161, 70.2087, -40.6817



73.1161, 36.8882, 42.0889

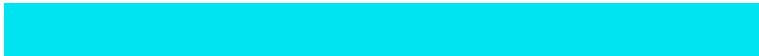


# Rectangle

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



73.1146, -56.7637, 31.1496



73.1161, -60.7448, -23.2381



73.1161, 70.2087, -40.6817



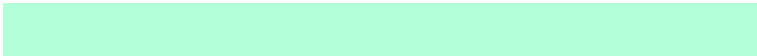
73.1161, 78.3456, 23.5913

# Sweetspot

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



73.1161, -56.7645, 31.1500



92.7873, -33.7527, 14.2957



74.5819, -52.3066, 45.0410



42.5530, -17.1772, 7.2354

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

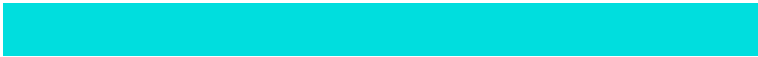
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1161, -56.7645, 31.1500



85.5319, -66.5106, 36.6699



75.8411, -40.2071, -7.9987



39.3118, -6.0392, 3.2465



56.3695, -43.6240, 23.7148



14.9016, -11.1091, 5.3557



# Inverse Universe

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



40.7596, 72.4573, 5.7419



47.6621, 84.6791, 7.1062



39.4087, 67.4870, 25.4644



37.1633, 2.1297, 0.9916



31.4480, 55.9717, 3.9178

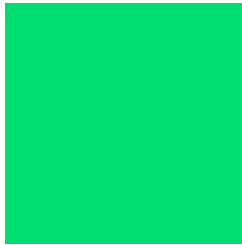


8.3878, 15.1295, -0.5110



# Previews

## White Background



This preview shows how the HunterLab color 73.1146, -56.7637, 31.1496 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 73.1146, -56.7637, 31.1496 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 73.1146, -56.7637, 31.1496 Background



This preview shows how black text looks on a background with the HunterLab color 73.1146, -56.7637, 31.1496.



This preview shows how white text looks on a background with the HunterLab color 73.1146, -56.7637, 31.1496.

-56.7637, 31.1496.

# 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

73.1146, -56.7637, 31.1496

### Protanopia

72.4758, -8.2154, 34.0180

### Deuteranopia

72.3264, 5.5311, 29.0323



## Tritanopia

73.1225, -29.2698, -13.7952

# Trichromacy



## Original Color

73.1146, -56.7637, 31.1496



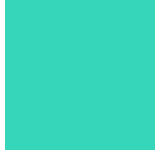
## Protanomaly

69.8869, -35.8670, 30.6353



## Deuteranomaly

68.9142, -28.9358, 26.6703



## Tritanomaly

72.3552, -42.0735, 6.2375

# Monochromacy



## Original Color

73.1146, -56.7637, 31.1496



## Achromatopsia

52.4097, -2.7964, 2.8475



## Achromatomaly

57.7885, -29.3705, 12.6979

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.1146, -56.7637, 31.1496 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, 222, 114)` looks like.

```
.text, #text, p{  
    color:rgb(0, 222, 114)  
}
```

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, 222, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 222, 114) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.1146, -56.7637, 31.1496 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, 222, 114) }
```



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

```
.border{ border-color:rgb(0, 222, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 222, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 222, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 222, 114);  
box-shadow:4px 4px 4px 4px rgb(0, 222,  
114) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.1146, -56.7637, 31.1496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 222, 114) }
```

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

```
.background{ background-color: rgb(0, 222,  
114) }
```

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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