

# Converting Colors

HunterLab(70.6655, -54.0356,  
29.4941)

Have a look what the booklet for  
HunterLab(70.6655, -54.0356,  
29.4941) contains.

<b>HunterLab(70.6696, -54.0354, 29.4931)</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(70.6696,  
-54.0354, 29.4931)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14D771
RGB	20, 215, 113
RGB Percent	8%, 84%, 44%
CMY	0.9215, 0.1568, 0.5569
CMYK	0.91, 0.00, 0.47, 0.16
HSL	149°, 83%, 46%
HSV	149°, 91%, 84%
XYZ	27.5696, 49.9419, 23.8096
YIQ	145.0670, -83.4780, -73.0620

# Conversions

## Conversions Part 2

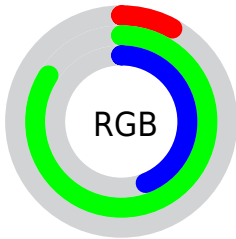
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 152, 215
Decimal	1365873
CIELab	76.03, -65.72, 38.19
CIELCh	76, 76.007, 149.841
Yxy	49.9439, 0.2721, 0.4929
Android (android.graphics.Color)	4279555953 (0xFF14D771)
YUV	145.0670, -15.8090, -109.6838
Hunter-Lab	70.6696, -54.0354, 29.4931

# Details

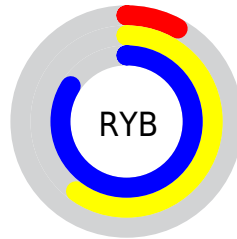
The HunterLab color **70.6696, -54.0354, 29.4931** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **40.4396, 69.5477, -0.8629**, and the grayscale version is **53.3261, -2.8453, 2.8973**.

A 20% lighter version of the original color is **88.0479, -54.8481, 29.0013**, and **50.1439, -40.5222, 24.8003** is the 20% darker color. If you saturate the color by 10%, you get **70.4080, -55.4565, 31.7108**, and if you desaturate by 10%, it is **71.0959, -51.8836, 26.9292**.

# Distribution



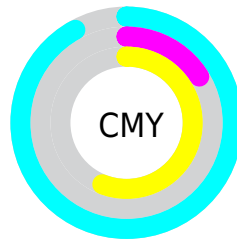
- Red (8%)
- Green (84%)
- Blue (44%)



- Red (8%)
- Yellow (60%)
- Blue (84%)



- Cyan (91%)
- Magenta (0%)
- Yellow (47%)
- Black (16%)




- Cyan (92%)
- Magenta (16%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.6696, -54.0354, 29.4931 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 70.6696, -54.0354, 29.4931 by changing the saturation by 10% instead.





 70.6696, -54.0354,  
29.4931

 70.6696, -54.0354,  
29.4931


196.5825,  
-87.4794, 51.6152


 59.4717, -49.6260,  
26.6936


 94.9167, -62.2727,  
34.7961


 48.9358, -44.9603,  
23.7621


 107.9043,  
-66.1633, 37.3339

 39.1081, -39.9716,  
20.6646


 121.4355,  
-69.9333, 39.8132

 30.0438, -34.5639,  
17.3557

 135.4894,  
-73.5998, 42.2437

 21.8136, -28.5949,  
13.9961

 150.0471,  
-77.1771, 44.6332

 14.5127, -24.3769,  
10.1589

165.0918,

 8.1737, -14.3040,

-80.6767, 46.9882

5.7216

180.6083,  
-84.1081, 49.3141

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.6696, -54.0354,  
29.4931

■ 70.6696, -54.0354,  
29.4931

■ 70.4080, -55.4565,  
31.7108

■ 71.0959, -51.8836,  
26.9292


■ 71.7099, -48.9246,  
24.2272


■ 72.5326, -45.1059,  
21.4268


■ 73.5771, -40.4111,  
18.5676


■ 74.8515, -34.8536,

15.6883

 76.3599, -28.4718,  
12.8262

 78.1023, -21.3224,  
10.0147

 80.0758, -13.4752,  
7.2835

 82.2751, -5.0074,  
4.6569

# Harmonies

## Analogous

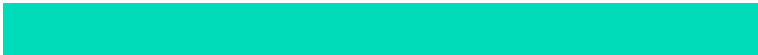
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.6710, -34.9015, 40.3585



70.6696, -54.0354, 29.4931



70.6710, -60.3305, 4.0289

# Triad

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



70.6710, -54.0361, 29.4935



70.6710, -3.9662, -98.1272



70.6710, 66.4901, 29.3109

# Complementary

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



70.6696, -54.0354, 29.4931



40.4396, 69.5477, -0.8629

# 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.



70.6710, 79.1895, 3.6642



70.6696, -54.0354, 29.4931



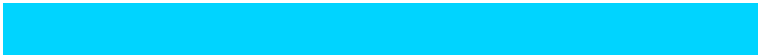
70.6710, 33.8909, -79.9190

# Square

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



70.6710, -54.0361, 29.4935



70.6710, -35.1730, -79.5540



70.6710, 66.2295, -37.6524



70.6710, 34.2896, 40.2961



# Rectangle

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



70.6696, -54.0354, 29.4931



70.6710, -57.6194, -22.2176



70.6710, 66.2295, -37.6524



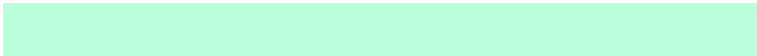
70.6710, 73.4364, 22.6765

# Sweetspot

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



70.6710, -54.0361, 29.4935



93.3229, -31.6622, 14.3795



72.7591, -47.0055, 43.4713



42.8532, -15.9846, 7.2007

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.6710, -54.0361, 29.4935



85.3906, -67.3880, 38.7405



73.0278, -39.7134, -4.4089



37.4081, -5.7865, 3.2323



54.4706, -42.7676, 24.2394



13.4397, -10.1183, 5.0440



# Inverse Universe

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



40.4396, 69.5477, -0.8629



47.9210, 85.6223, 3.3985



38.7622, 63.2608, 23.4519



35.3953, 2.0640, 0.7935



30.6082, 54.7942, 1.3540

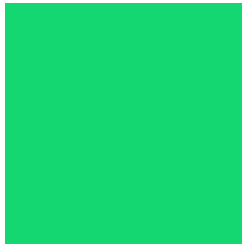


7.6273, 13.8561, -1.2272



# Previews

## White Background



This preview shows how the HunterLab color 70.6696, -54.0354, 29.4931 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 70.6696, -54.0354, 29.4931 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 70.6696, -54.0354, 29.4931 Background



This preview shows how black text looks on a background with the HunterLab color 70.6696, -54.0354, 29.4931.



This preview shows how white text looks on a background with the HunterLab color 70.6696, -54.0354, 29.4931.

-54.0354, 29.4931.

# 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

70.6696, -54.0354, 29.4931

### Protanopia

69.9389, -7.9026, 32.3013

### Deuteranopia

69.9528, 4.8234, 27.5832



## Tritanopia

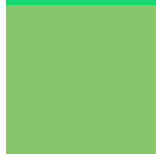
70.5111, -27.5982, -13.9693

# Trichromacy



## Original Color

70.6696, -54.0354, 29.4931



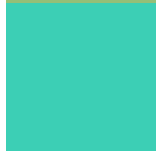
## Protanomaly

68.0378, -32.7929, 29.4680



## Deuteranomaly

67.0694, -25.9384, 25.4454



## Tritanomaly

69.9446, -39.4196, 5.3526

# Monochromacy



## Original Color

70.6696, -54.0354, 29.4931



## Achromatopsia

53.2117, -2.8392, 2.8911



## Achromatomaly

57.5780, -26.7800, 12.1603

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.6696, -54.0354, 29.4931 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(20, 215, 113)` looks like.

```
.text, #text, p{  
    color:rgb(20, 215, 113)  
}
```

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(20, 215, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 215, 113) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.6696, -54.0354, 29.4931 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(20, 215, 113) }
```



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

```
.border{ border-color:rgb(20, 215, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 215, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 215, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 215, 113);  
box-shadow:4px 4px 4px 4px rgb(20, 215,  
113) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.6696, -54.0354, 29.4931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 215, 113) }
```

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

```
.background{ background-color: rgb(20, 215,  
113) }
```

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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