

# Converting Colors

HunterLab(70.5885, -55.3639,  
34.8349)

Have a look what the booklet for  
HunterLab(70.5885, -55.3639,  
34.8349) contains.

<b>HunterLab(70.5383, -55.2771, 34.7374)</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(70.5383,  
-55.2771, 34.7374)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28D758
RGB	40, 215, 88
RGB Percent	16%, 84%, 35%
CMY	0.8431, 0.1568, 0.6549
CMYK	0.81, 0.00, 0.59, 0.16
HSL	136°, 69%, 50%
HSV	136°, 81%, 84%
XYZ	26.9369, 49.7565, 17.4167
YIQ	148.1970, -63.5330, -76.5970

# Conversions

## Conversions Part 2

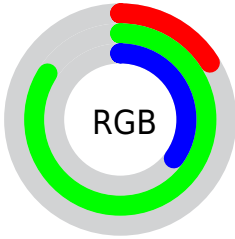
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 177, 215
Decimal	2676568
CIELab	75.92, -67.78, 49.91
CIELCh	76, 84.174, 143.630
Yxy	49.7586, 0.2862, 0.5287
Android (android.graphics.Color)	4280866648 (0xFF28D758)
YUV	148.1970, -29.6771, -94.8888
Hunter-Lab	70.5383, -55.2771, 34.7374

# Details

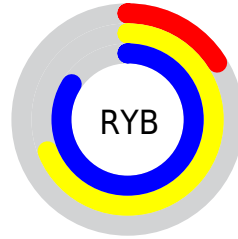
The HunterLab color **70.5383, -55.2771, 34.7374** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **43.3075, 71.6012, -22.1129**, and the grayscale version is **54.6335, -2.9151, 2.9683**.

A 20% lighter version of the original color is **87.8778, -56.4823, 36.1594**, and **49.9117, -41.9732, 28.2228** is the 20% darker color. If you saturate the color by 10%, you get **70.1494, -57.2563, 36.9834**, and if you desaturate by 10%, it is **71.1353, -52.3805, 32.0875**.

# Distribution



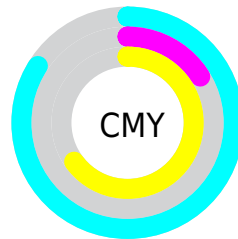
- Red (16%)
- Green (84%)
- Blue (35%)



- Red (16%)
- Yellow (69%)
- Blue (84%)



- Cyan (81%)
- Magenta (0%)
- Yellow (59%)
- Black (16%)




- Cyan (84%)
- Magenta (16%)
- Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.5383, -55.2771, 34.7374 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 70.5383, -55.2771, 34.7374 by changing the saturation by 10% instead.





 70.5383, -55.2771,  
34.7374

 70.5383, -55.2771,  
34.7374


196.3978,  
-89.6395, 62.0990


 59.3478, -50.7334,  
31.1858


 94.7719, -63.7570,  
41.4140


 48.8197, -45.9222,  
27.4521


 107.7531,  
-67.7583, 44.5831


 39.0003, -40.7743,  
23.4995


 121.2783,  
-71.6332, 47.6624

 29.9451, -35.1903,  
19.2980

 135.3263,  
-75.3997, 50.6649

 21.7249, -29.0243,  
15.2074

 149.8784,  
-79.0725, 53.6015

 14.4352, -25.0062,  
10.1047

164.9176,

 8.0961, -14.1682,

-82.6637, 56.4813

5.6673

180.4288,  
-86.1832, 59.3116

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.5383, -55.2771,  
34.7374

■ 70.5383, -55.2771,  
34.7374

■ 70.1494, -57.2563,  
36.9834

■ 71.1353, -52.3805,  
32.0875

■ 69.9416, -58.3645,  
38.5713


■ 71.9575, -48.5021,  
29.0560


■ 73.0205, -43.6241,  
25.6758


■ 74.3331, -37.7639,  
21.9876

■ 75.8988, -30.9680,

18.0376

 77.7174, -23.3052,  
13.8749

 79.7850, -14.8595,  
9.5487

 82.0949, -5.7228,  
5.1055

 84.6385, 4.0110,  
0.5881

# Harmonies

## Analogous

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



70.5397, -31.8119, 43.2150



70.5383, -55.2771, 34.7374



70.5397, -64.6935, 11.4244

# Triad

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



70.5397, -55.2780, 34.7378



70.5397, -12.0318, -113.0314



70.5397, 80.5956, 27.1714

# Complementary

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



70.5383, -55.2771, 34.7374



43.3075, 71.6012, -22.1129

# 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.



70.5397, 89.1686, -4.6937



70.5383, -55.2771, 34.7374



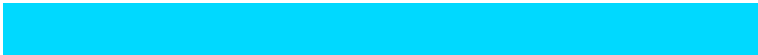
70.5397, 29.4839, -100.2270

# Square

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



70.5397, -55.2780, 34.7378



70.5397, -43.5394, -83.1334



70.5397, 68.7557, -54.1609



70.5397, 47.4005, 40.8403



# Rectangle

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



70.5383, -55.2771, 34.7374



70.5397, -63.6435, -15.4889



70.5397, 68.7557, -54.1609



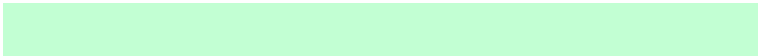
70.5397, 86.7176, 18.8879

# Sweetspot

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



70.5397, -55.2780, 34.7378



93.6191, -31.0097, 18.2868



75.5763, -35.6480, 44.3707



42.9434, -15.9003, 9.3025

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.5397, -55.2780, 34.7378



84.8779, -70.6236, 46.5830



72.1918, -45.1532, 10.7346



37.3516, -6.1020, 4.0407



54.1048, -45.0479, 29.6193



13.3401, -10.7359, 6.5018



# Inverse Universe

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



43.3075, 71.6012, -22.1129



49.9352, 92.0837, -23.0760



40.6902, 61.5513, 14.8548



35.4568, 2.3941, -0.0821



31.7742, 58.9930, -14.9619

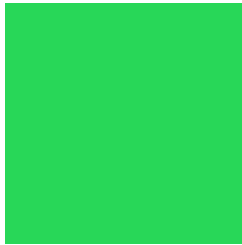


7.8902, 14.7970, -4.8603



# Previews

## White Background



This preview shows how the HunterLab color 70.5383, -55.2771, 34.7374 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

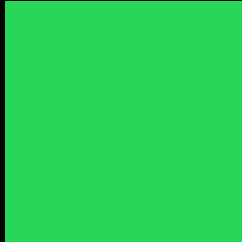
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.5383, -55.2771, 34.7374 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 70.5383, -55.2771, 34.7374 Background



This preview shows how black text looks on a background with the HunterLab color 70.5383, -55.2771, 34.7374.



This preview shows how white text looks on a background with the HunterLab color 70.5383, -55.2771, 34.7374.

-55.2771, 34.7374.

# 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

70.5383, -55.2771, 34.7374

### Protanopia

69.8600, -8.7472, 36.6163

### Deuteranopia

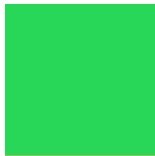
69.7682, 4.9410, 33.0458



## Tritanopia

70.4119, -26.4083, -12.9274

# Trichromacy



## Original Color

70.5383, -55.2771, 34.7374



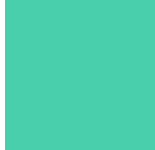
## Protanomaly

68.3028, -32.3917, 34.5915



## Deuteranomaly

67.4231, -25.3441, 31.5816



## Tritanomaly

69.9874, -39.8147, 9.7898

# Monochromacy



## Original Color

70.5383, -55.2771, 34.7374



## Achromatopsia

54.4186, -2.9036, 2.9567



## Achromatomaly

58.5343, -26.7310, 15.6071

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.5383, -55.2771, 34.7374 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(40, 215, 88)` looks like.

```
.text, #text, p{  
    color:rgb(40, 215, 88)  
}
```

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(40, 215, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 215, 88) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.5383, -55.2771, 34.7374 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(40, 215, 88) }
```



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

```
.border{ border-color:rgb(40, 215, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 215, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 215, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 215, 88);  
box-shadow:4px 4px 4px 4px rgb(40, 215,  
88) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.5383, -55.2771, 34.7374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 215, 88) }
```

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

```
.background{ background-color: rgb(40, 215,  
88) }
```

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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