

Converting Colors

HunterLab(73.9029, -58.7318,
37.8894)

Have a look what the booklet for
HunterLab(73.9029, -58.7318,
37.8894) contains.

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Color

**HunterLab(73.7475,
-58.6431, 37.8369)**

Conversions

Conversions Part 1

Format	Color
Hex	28E053
RGB	40, 224, 83
RGB Percent	16%, 88%, 33%
CMY	0.8431, 0.1216, 0.6745
CMYK	0.82, 0.00, 0.63, 0.12
HSL	134°, 75%, 52%
HSV	134°, 82%, 88%
XYZ	29.0921, 54.3869, 17.1481
YIQ	152.9100, -64.4030, -82.8590

Conversions

Conversions Part 2

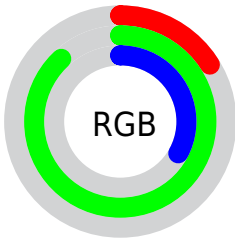
Format	Color
R_{YB}	40, 189, 224
Decimal	2678867
CIE _{Lab}	78.69, -71.17, 55.25
CIE _{LCh}	79, 90.097, 142.179
Yxy	54.3892, 0.2891, 0.5405
Android (android.graphics.Color)	4280868947 (0xFF28E053)
YUV	152.9100, -34.4656, -99.0221
Hunter-Lab	73.7475, -58.6431, 37.8369

Details

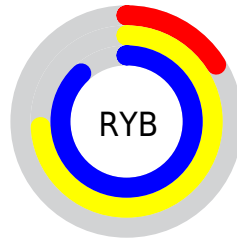
The HunterLab color **73.7475, -58.6431, 37.8369** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **45.4993, 76.6785, -27.5884**, and the grayscale version is **56.5589, -3.0178, 3.0730**.

A 20% lighter version of the original color is **87.8909, -56.5619, 37.2024**, and **52.6340, -44.6864, 30.6771** is the 20% darker color. If you saturate the color by 10%, you get **73.3687, -60.5718, 40.0039**, and if you desaturate by 10%, it is **74.3465, -55.7327, 35.1870**.

Distribution



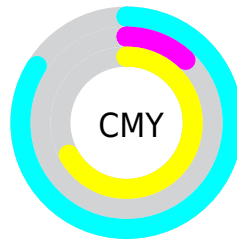
- Red (16%)
- Green (88%)
- Blue (33%)



- Red (16%)
- Yellow (74%)
- Blue (88%)



- Cyan (82%)
- Magenta (0%)
- Yellow (63%)
- Black (12%)



- Cyan (84%)
- Magenta (12%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.7475, -58.6431, 37.8369 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 73.7475, -58.6431, 37.8369 by changing the saturation by 10% instead.

73.7475, -58.6431,
37.8369

73.7475, -58.6431,
37.8369

200.8961,
-94.2161, 67.4048

62.3802, -53.9498,
33.9924

98.3084, -67.4147,
45.0679

51.6643, -48.9881,
29.9565

111.4424,
-71.5571, 48.4987

41.6437, -43.6915,
25.6954

125.1143,
-75.5697, 51.8301

32.3707, -37.9661,
21.1924

139.3036,
-79.4705, 55.0758

23.9112, -31.6759,
16.7378

153.9921,
-83.2744, 58.2473

16.3525, -26.1169,
11.4467

169.1634,

9.8185, -17.1824,

-86.9934, 61.3541

6.8729

184.8026,
-90.6378, 64.4043

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.7475, -58.6431,
37.8369

■ 73.7475, -58.6431,
37.8369

■ 73.3687, -60.5718,
40.0039

■ 74.3465, -55.7327,
35.1870

■ 73.1878, -61.5337,
41.3551


■ 75.1849, -51.7649,
32.0691


■ 76.2804, -46.7156,
28.5127


■ 77.6428, -40.5999,
24.5578


■ 79.2764, -33.4663,

20.2532

 81.1810, -25.3880,
15.6529

 83.3528, -16.4559,
10.8126

 85.7846, -6.7700,
5.7868

 88.4670, 3.5671,
0.6261

Harmonies

Analogous

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



73.7490, -32.6856, 46.0587



73.7475, -58.6431, 37.8369



73.7490, -69.3860, 13.9549

Triad

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



73.7490, -58.6440, 37.8373



73.7490, -14.8790, -124.5541



73.7490, 89.5457, 28.0022

Complementary

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



73.7475, -58.6431, 37.8369



45.4993, 76.6785, -27.5884

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.



73.7490, 97.4144, -7.5371



73.7475, -58.6431, 37.8369



73.7490, 30.0212, -112.6339

Square

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



73.7490, -58.6440, 37.8373



73.7490, -48.1819, -89.3410



73.7490, 73.5941, -62.5220



73.7490, 54.0596, 43.0803

Rectangle

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



73.7475, -58.6431, 37.8369



73.7490, -68.7155, -14.6268



73.7490, 73.5941, -62.5220



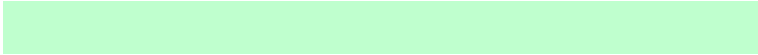
73.7490, 95.7929, 18.7831

Sweetspot

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



73.7490, -58.6440, 37.8373



93.3232, -32.3575, 19.7808



79.5606, -35.7748, 46.9024



42.8134, -16.5059, 10.0252

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.7490, -58.6440, 37.8373



84.7817, -71.2066, 47.8535



75.4037, -48.4788, 13.7500



39.2294, -6.4992, 4.4251



55.8498, -46.8625, 31.3552



14.7507, -12.0456, 7.5660

Inverse Universe

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



45.4993, 76.6785, -27.5884



50.3000, 93.7808, -28.9226



42.5301, 65.3613, 14.1542



37.2531, 2.6113, -0.2859



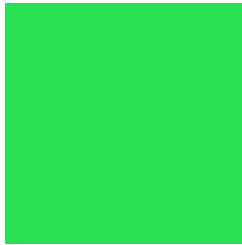
33.1191, 61.9846, -19.4289



8.7963, 16.5914, -6.1573

Previews

White Background



This preview shows how the HunterLab color 73.7475, -58.6431, 37.8369 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 73.7475, -58.6431, 37.8369 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

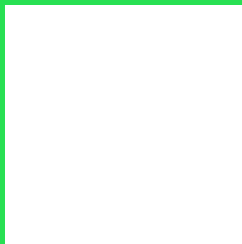
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 73.7475, -58.6431, 37.8369 Background



This preview shows how black text looks on a background with the HunterLab color 73.7475, -58.6431, 37.8369.



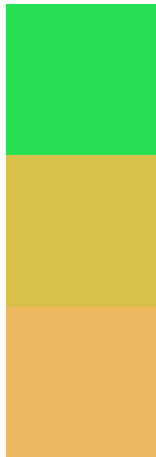
This preview shows how white text looks on a background with the HunterLab color 73.7475, -58.6431, 37.8369.

-58.6431, 37.8369.

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

73.7475, -58.6431, 37.8369

Protanopia

72.8570, -9.0902, 39.4628

Deuteranopia

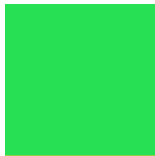
72.8778, 5.0475, 36.1874



Tritanopia

73.5704, -27.4873, -13.7143

Trichromacy



Original Color

73.7475, -58.6431, 37.8369



Protanomaly

70.9231, -34.2781, 37.2329



Deuteranomaly

70.4283, -27.3728, 34.5862



Tritanomaly

72.9606, -42.0067, 11.2644

Monochromacy



Original Color

73.7475, -58.6431, 37.8369



Achromatopsia

56.4399, -3.0115, 3.0665



Achromatomaly

61.0274, -28.7072, 17.2616

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.7475, -58.6431, 37.8369 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, 224, 83)` looks like.

```
.text, #text, p{  
    color:rgb(40, 224, 83)  
}
```

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, 224, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 224, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 73.7475, -58.6431, 37.8369 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, 224, 83) }
```


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

```
.border{ border-color:rgb(40, 224, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 224, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 224, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 224, 83);  
box-shadow:4px 4px 4px 4px rgb(40, 224,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.7475, -58.6431, 37.8369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 224, 83) }
```

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

```
.background{ background-color: rgb(40, 224,  
83) }
```

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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