

Converting Colors

HunterLab(73.9991, -59.4179,
37.6395)

Have a look what the booklet for
HunterLab(73.9991, -59.4179,
37.6395) contains.

HunterLab(73.9954, -59.4292, 37.6689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(73.9954,
-59.4292, 37.6689)**

Conversions

Conversions Part 1

Format	Color
Hex	1CE155
RGB	28, 225, 85
RGB Percent	11%, 88%, 33%
CMY	0.8902, 0.1176, 0.6667
CMYK	0.88, 0.00, 0.62, 0.12
HSL	137°, 78%, 50%
HSV	137°, 88%, 88%
XYZ	29.0438, 54.7532, 17.6319
YIQ	150.1370, -72.4720, -85.3040

Conversions

Conversions Part 2

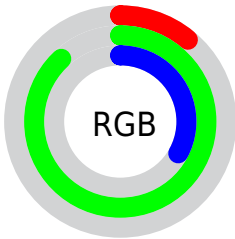
Format	Color
R _Y B	28, 181, 225
Decimal	1892693
CIE Lab	78.90, -72.27, 54.61
CIE LCh	79, 90.581, 142.926
Yxy	54.7554, 0.2863, 0.5398
Android (android.graphics.Color)	4280082773 (0xFF1CE155)
YUV	150.1370, -32.1125, -107.1141
Hunter-Lab	73.9954, -59.4292, 37.6689

Details

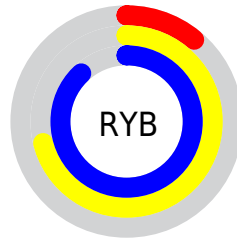
The HunterLab color **73.9954, -59.4292, 37.6689** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **44.3466, 77.5060, -20.8487**, and the grayscale version is **55.4293, -2.9576, 3.0116**.

A 20% lighter version of the original color is **87.7661, -57.0040, 36.5822**, and **52.9992, -44.8820, 30.6431** is the 20% darker color. If you saturate the color by 10%, you get **73.7007, -60.9924, 39.8151**, and if you desaturate by 10%, it is **74.4869, -56.9857, 35.1020**.

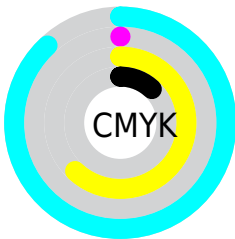
Distribution



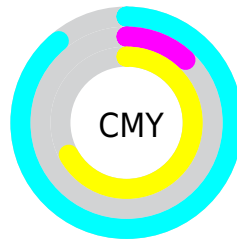
- Red (11%)
- Green (88%)
- Blue (33%)



- Red (11%)
- Yellow (71%)
- Blue (88%)



- Cyan (88%)
- Magenta (0%)
- Yellow (62%)
- Black (12%)



- Cyan (89%)
- Magenta (12%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.9954, -59.4292, 37.6689 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 73.9954, -59.4292, 37.6689 by changing the saturation by 10% instead.

■ 73.9954, -59.4292,
37.6689

■ 73.9954, -59.4292,
37.6689

201.2422,
-95.4625, 66.9312

■ 62.6147, -54.6715,
33.8686

■ 98.5812, -68.3194,
44.8192

■ 51.8845, -49.6411,
29.8797

■ 111.7269,
-72.5168, 48.2130

■ 41.8487, -44.2712,
25.6681

■ 125.4099,
-76.5819, 51.5094

■ 32.5592, -38.4670,
21.2047

■ 139.6100,
-80.5331, 54.7217

■ 24.0816, -32.0925,
16.8571

■ 154.3089,
-84.3853, 57.8613

■ 16.5027, -26.4517,
11.5519

169.4903,

■ 9.9453, -17.4042,

-88.1511, 60.9377

6.9617

185.1392,
-91.8406, 63.9587

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.9954, -59.4292,
37.6689

■ 73.9954, -59.4292,
37.6689

■ 73.7007, -60.9924,
39.8151

■ 74.4869, -56.9857,
35.1020

■ 73.6447, -61.2944,
40.2677


■ 75.2019, -53.5488,
32.1367


■ 76.1612, -49.0723,
28.8036


■ 77.3778, -43.5514,
25.1417


■ 78.8588, -37.0164,

21.1968

 80.6063, -29.5256,
17.0188

 82.6185, -21.1578,
12.6589

 84.8904, -12.0050,
8.1670

 87.4140, -2.1650,
3.5892

Harmonies

Analogous

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



73.9969, -33.7188, 46.1733



73.9954, -59.4292, 37.6689



73.9969, -69.8621, 13.1468

Triad

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



73.9969, -59.4301, 37.6693



73.9969, -13.9451, -125.8810



73.9969, 89.5909, 28.7475

Complementary

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



73.9954, -59.4292, 37.6689



44.3466, 77.5060, -20.8487

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.



73.9969, 98.3340, -6.4232



73.9954, -59.4292, 37.6689



73.9969, 31.4193, -112.6296

Square

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



73.9969, -59.4301, 37.6693



73.9969, -47.8165, -91.3476



73.9969, 75.0388, -61.5368



73.9969, 53.3353, 43.4847

Rectangle

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



73.9954, -59.4292, 37.6689



73.9969, -68.9574, -16.0082



73.9969, 75.0388, -61.5368



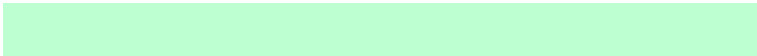
73.9969, 96.1410, 19.6682

Sweetspot

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



73.9969, -59.4301, 37.6693



93.1927, -32.7592, 18.9339



78.9887, -39.8416, 47.1502



42.7673, -16.6270, 9.5538

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.9969, -59.4301, 37.6693



84.8596, -70.6995, 46.5528



75.8223, -48.2160, 11.1348



39.2456, -6.4090, 4.1938



55.9189, -46.4297, 30.3345



14.7738, -11.9012, 7.2252

Inverse Universe

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



44.3466, 77.5060, -20.8487



49.6036, 91.6913, -20.2225



41.5810, 67.1588, 18.3725



37.2350, 2.5144, -0.0287



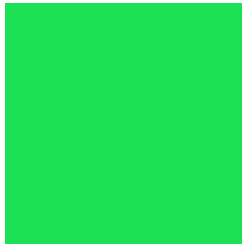
32.7200, 60.5623, -13.9598



8.7027, 16.2595, -4.8868

Previews

White Background



This preview shows how the HunterLab color 73.9954, -59.4292, 37.6689 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 73.9954, -59.4292, 37.6689 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

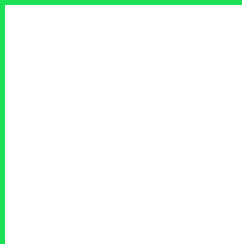
Any Text WCAG AAA ✓ Pass

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

HunterLab 73.9954, -59.4292, 37.6689 Background



This preview shows how black text looks on a background with the HunterLab color 73.9954, -59.4292, 37.6689.



This preview shows how white text looks on a background with the HunterLab color 73.9954, -59.4292, 37.6689.

-59.4292, 37.6689.

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

73.9954, -59.4292, 37.6689

Protanopia

73.2832, -9.1002, 39.4656

Deuteranopia

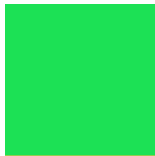
73.0214, 5.5792, 35.9105



Tritanopia

73.8357, -28.1306, -13.9344

Trichromacy



Original Color

73.9954, -59.4292, 37.6689



Protanomaly

71.0796, -35.3513, 37.0098



Deuteranomaly

70.2272, -28.0915, 34.0388



Tritanomaly

73.1516, -42.9848, 11.0321

Monochromacy



Original Color

73.9954, -59.4292, 37.6689



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

60.0123, -29.3773, 16.9639

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.9954, -59.4292, 37.6689 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(28, 225, 85)` looks like.

```
.text, #text, p{  
    color:rgb(28, 225, 85)  
}
```

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(28, 225, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 225, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 73.9954, -59.4292, 37.6689 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(28, 225, 85) }
```


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

```
.border{ border-color:rgb(28, 225, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 225, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 225, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 225, 85);  
box-shadow:4px 4px 4px 4px rgb(28, 225,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.9954, -59.4292, 37.6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 225, 85) }
```

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

```
.background{ background-color: rgb(28, 225,  
85) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor