

Converting Colors

HunterLab(76.8158, -60.0167,
33.5459)

Have a look what the booklet for
HunterLab(76.8158, -60.0167,
33.5459) contains.

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Color

**HunterLab(76.7946,
-59.9895, 33.5136)**

Conversions

Conversions Part 1

Format	Color
Hex	00E874
RGB	0, 232, 116
RGB Percent	0%, 91%, 45%
CMY	0.9999, 0.0902, 0.5451
CMYK	1.00, 0.00, 0.50, 0.09
HSL	150°, 100%, 45%
HSV	150°, 100%, 91%
XYZ	32.0090, 58.9741, 26.2190
YIQ	149.4080, -101.0360, -85.2600

Conversions

Conversions Part 2

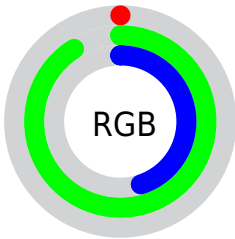
Format	Color
RYB	0, 155, 232
Decimal	59508
CIELab	81.28, -71.43, 43.29
CIELCh	81, 83.527, 148.781
Yxy	58.9765, 0.2731, 0.5032
Android (android.graphics.Color)	4278249588 (0xFF00E874)
YUV	149.4080, -16.4701, -131.0308
Hunter-Lab	76.7946, -59.9895, 33.5136

Details

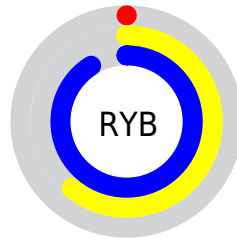
The HunterLab color **76.7946, -59.9895, 33.5136** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **42.9163, 76.4325, 4.9494**, and the grayscale version is **55.0830, -2.9391, 2.9928**.

A 20% lighter version of the original color is **88.1687, -54.1903, 27.8067**, and **55.7047, -45.3944, 28.3676** is the 20% darker color. If you saturate the color by 10%, you get **76.7960, -59.9913, 33.5156**, and if you desaturate by 10%, it is **77.1026, -58.3319, 30.8900**.

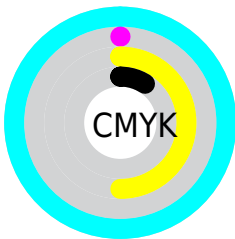
Distribution



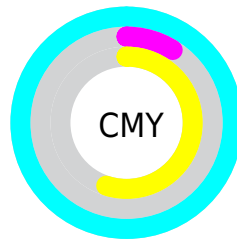
- Red (0%)
- Green (91%)
- Blue (45%)



- Red (0%)
- Yellow (61%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (9%)





- Cyan (100%)
- Magenta (9%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.7946, -59.9895, 33.5136 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 76.7946, -59.9895, 33.5136 by changing the saturation by 10% instead.


 76.7946, -59.9895,
33.5136

 76.7946, -59.9895,
33.5136


205.1377,
-95.4137, 57.6108

 65.2642, -55.3406,
30.4580


 101.6580,
-68.6985, 39.3054

 54.3754, -50.4364,
27.2633


 114.9335,
-72.8188, 42.0757


 44.1702, -45.2154,
23.8978


 128.7412,
-76.8137, 44.7802

 34.6978, -39.5915,
20.3204

 143.0615,
-80.7004, 47.4288

 26.0202, -33.4409,
16.5197

 157.8766,
-84.4931, 50.0299

 18.2181, -27.0294,
12.7527

173.1705,

 11.4038, -19.9566,

-88.2032, 52.5902

7.9826

188.9286,
-91.8407, 55.1156

■ 3.7624, -6.5842,
2.6337

0.0000, NaN, NaN

■ 76.7946, -59.9895,
33.5136

■ 76.7946, -59.9895,
33.5136

■ 76.7960, -59.9913,
33.5156

■ 77.1026, -58.3319,
30.8900

■ 77.5732, -55.9563,
28.0916

■ 78.2504, -52.7050,
25.1737

■ 79.1556, -48.5207,
22.1801

■ 80.3030, -43.3860,
19.1543

■ 81.7016, -37.3161,
16.1378

■ 83.3555, -30.3528,
13.1699

■ 85.2647, -22.5583,
10.2853

■ 87.4261, -14.0085,
7.5137

Harmonies

Analogous

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



76.7962, -38.1097, 44.8858



76.7946, -59.9895, 33.5136



76.7962, -67.4730, 5.7391

Triad

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



76.7962, -59.9903, 33.5141



76.7962, -5.7510, -112.8615



76.7962, 76.7511, 31.9746

Complementary

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



76.7946, -59.9895, 33.5136



42.9163, 76.4325, 4.9494

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.



76.7962, 90.2766, 2.5879



76.7946, -59.9895, 33.5136



76.7962, 37.0971, -93.1978

Square

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



76.7962, -59.9903, 33.5141



76.7962, -40.4355, -89.9705



76.7962, 74.4743, -44.9725



76.7962, 40.5656, 44.3760

Rectangle

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



76.7946, -59.9895, 33.5136



76.7962, -64.7904, -23.6945



76.7962, 74.4743, -44.9725



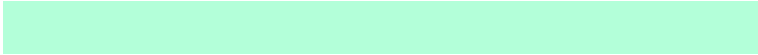
76.7962, 84.3925, 24.4079

Sweetspot

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



76.7962, -59.9903, 33.5141



92.7582, -33.9209, 14.7132



78.5491, -54.3199, 47.4503



42.5380, -17.2645, 7.4508

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.7962, -59.9903, 33.5141



85.4782, -66.8440, 37.4568



79.5767, -43.0731, -6.4808



40.2601, -6.2187, 3.3875



57.2412, -44.5602, 24.6462



15.6205, -11.7409, 5.8209

Inverse Universe

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



42.9163, 76.4325, 4.9494



47.7552, 85.0185, 5.7708



41.4310, 70.9704, 26.6125



38.0626, 2.2159, 0.9504



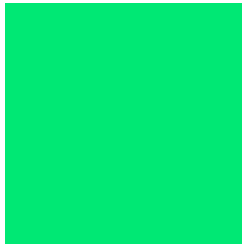
32.0153, 57.0934, 3.1202



8.8101, 15.9090, -0.6747

Previews

White Background



This preview shows how the HunterLab color 76.7946, -59.9895, 33.5136 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 76.7946, -59.9895, 33.5136 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 76.7946, -59.9895, 33.5136 Background



This preview shows how black text looks on a background with the HunterLab color 76.7946, -59.9895, 33.5136.



This preview shows how white text looks on a background with the HunterLab color 76.7946, -59.9895, 33.5136.

-59.9895, 33.5136.

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

76.7946, -59.9895, 33.5136

Protanopia

75.9609, -8.3336, 36.2294

Deuteranopia

75.8081, 5.4873, 31.3710



Tritanopia

76.7092, -30.4776, -14.6022

Trichromacy



Original Color

76.7946, -59.9895, 33.5136



Protanomaly

73.3852, -37.7250, 32.8700



Deuteranomaly

72.3326, -31.0276, 28.9355



Tritanomaly

76.1492, -44.5200, 7.3150

Monochromacy



Original Color

76.7946, -59.9895, 33.5136



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

60.3980, -30.7632, 13.4457

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.7946, -59.9895, 33.5136 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, 232, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 232, 116)  
}
```

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, 232, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 232, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 76.7946, -59.9895, 33.5136 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, 232, 116) }
```


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

```
.border{ border-color:rgb(0, 232, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 232, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 232, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 232, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 232,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.7946, -59.9895, 33.5136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 232, 116) }
```

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

```
.background{ background-color: rgb(0, 232,  
116) }
```

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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