

Converting Colors

HunterLab(75.2470, -54.8656,
25.1783)

Have a look what the booklet for
HunterLab(75.2470, -54.8656,
25.1783) contains.

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Color

**HunterLab(75.1371,
-54.7740, 25.1465)**

Conversions

Conversions Part 1

Format	Color
Hex	10E28E
RGB	16, 226, 142
RGB Percent	6%, 89%, 56%
CMY	0.9372, 0.1137, 0.4431
CMYK	0.93, 0.00, 0.37, 0.11
HSL	156°, 87%, 47%
HSV	156°, 93%, 89%
XYZ	32.2925, 56.4558, 34.7862
YIQ	153.6340, -98.1960, -70.6440

Conversions

Conversions Part 2

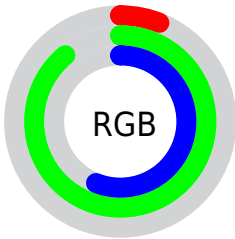
Format	Color
RYB	16, 147, 226
Decimal	1106574
CIELab	79.87, -64.35, 28.57
CIElCh	80, 70.410, 156.058
Yxy	56.4581, 0.2614, 0.4570
Android (android.graphics.Color)	4279296654 (0xFF10E28E)
YUV	153.6340, -5.7356, -120.7050
Hunter-Lab	75.1371, -54.7740, 25.1465

Details

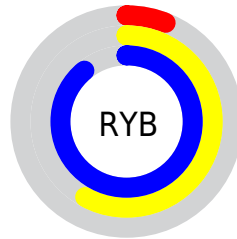
The HunterLab color **75.1371, -54.7740, 25.1465** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **41.7861, 71.4806, 9.8868**, and the grayscale version is **56.7511, -3.0281, 3.0834**.

A 20% lighter version of the original color is **88.7809, -50.5071, 18.9454**, and **53.9734, -41.2861, 21.6629** is the 20% darker color. If you saturate the color by 10%, you get **74.9405, -55.8482, 26.8911**, and if you desaturate by 10%, it is **75.5343, -52.7616, 22.6242**.

Distribution



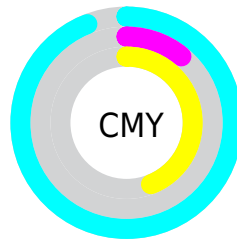
- Red (6%)
- Green (89%)
- Blue (56%)



- Red (6%)
- Yellow (58%)
- Blue (89%)



- Cyan (93%)
- Magenta (0%)
- Yellow (37%)
- Black (11%)





- Cyan (94%)
- Magenta (11%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.1371, -54.7740, 25.1465 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 75.1371, -54.7740, 25.1465 by changing the saturation by 10% instead.


 75.1371, -54.7740,
25.1465


 75.1371, -54.7740,
25.1465


202.8338,
-87.2734, 43.0358


 63.6948, -50.5335,
22.9750


 99.8369, -62.7307,
29.3220


 52.8994, -46.0638,
20.7252


 113.0358,
-66.5020, 31.3475


 42.7939, -41.3076,
18.3745


 126.7701,
-70.1632, 33.3423

 33.4292, -36.1831,
15.8902

 141.0195,
-73.7298, 35.3128

 24.8691, -30.5707,
13.2247

 155.7660,
-77.2145, 37.2637

 17.1981, -24.6970,
10.6669

170.9936,

 10.5343, -18.4350,

-80.6278, 39.1991

7.3740

186.6873,
-83.9783, 41.1222

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.1371, -54.7740,
25.1465

■ 75.1371, -54.7740,
25.1465

■ 74.9405, -55.8482,
26.8911

■ 75.5343, -52.7616,
22.6242


■ 76.1148, -49.9775,
20.0905


■ 76.9028, -46.3538,
17.5889


■ 77.9137, -41.8607,
15.1593


■ 79.1580, -36.4999,

12.8374

 80.6412, -30.2990,
10.6547

 82.3651, -23.3063,
8.6373

 84.3281, -15.5848,
6.8057

 86.5260, -7.2069,
5.1745

Harmonies

Analogous

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



75.1386, -38.6490, 38.9256



75.1371, -54.7740, 25.1465



75.1386, -58.4515, -2.7498

Triad

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



75.1386, -54.7747, 25.1471



75.1386, 2.9875, -87.3450



75.1386, 56.2533, 32.1918

Complementary

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



75.1371, -54.7740, 25.1465



41.7861, 71.4806, 9.8868

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.



75.1386, 72.3822, 10.3417



75.1371, -54.7740, 25.1465



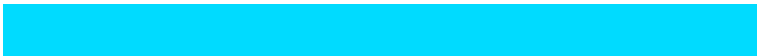
75.1386, 38.3153, -65.2572

Square

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



75.1386, -54.7747, 25.1471



75.1386, -28.6703, -77.4789



75.1386, 65.2959, -25.6636



75.1386, 24.3006, 41.5491

Rectangle

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



75.1371, -54.7740, 25.1465



75.1386, -54.0477, -28.5514



75.1386, 65.2959, -25.6636



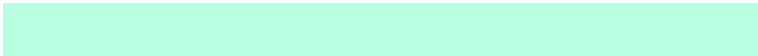
75.1386, 63.9411, 26.5417

Sweetspot

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



75.1386, -54.7747, 25.1471



93.3681, -31.0620, 11.0987



75.7272, -54.8705, 45.3179



42.8126, -15.9393, 5.6097

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.1386, -54.7747, 25.1471



85.9184, -64.1197, 31.0254



71.3861, -33.3552, -16.3580



39.3378, -5.8940, 2.8745



56.6239, -42.0511, 20.0014



14.9665, -10.7096, 4.4123

Inverse Universe

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



41.7861, 71.4806, 9.8868



47.1375, 82.7598, 14.6812



41.6213, 64.4736, 26.0764



37.1361, 1.9838, 1.3784



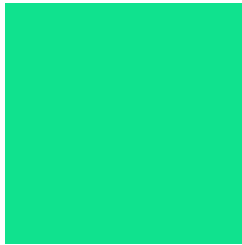
31.0988, 54.6952, 8.9516



8.2928, 14.7845, 0.8409

Previews

White Background



This preview shows how the HunterLab color 75.1371, -54.7740, 25.1465 looks on a white background.

Color Contrast Check

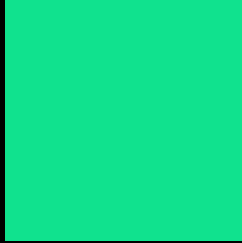
Large Text (above 18pt) WCAG AA × Fail

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 75.1371, -54.7740, 25.1465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

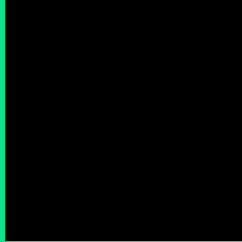
Any Text WCAG AA ✓ Pass

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 75.1371, -54.7740, 25.1465 Background



This preview shows how black text looks on a background with the HunterLab color 75.1371, -54.7740, 25.1465.



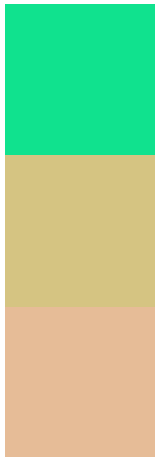
This preview shows how white text looks on a background with the HunterLab color 75.1371,

-54.7740, 25.1465.

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

75.1371, -54.7740, 25.1465

Protanopia

74.3221, -7.0726, 28.8255

Deuteranopia

74.1780, 5.4320, 22.4014



Tritanopia

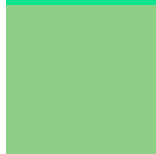
74.9509, -30.5212, -14.7419

Trichromacy



Original Color

75.1371, -54.7740, 25.1465



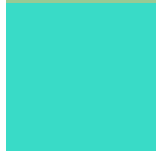
Protanomaly

72.1177, -33.1404, 25.3159



Deuteranomaly

71.4525, -26.5774, 20.3154



Tritanomaly

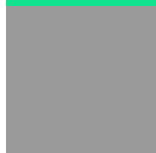
74.6032, -41.2433, 2.3062

Monochromacy



Original Color

75.1371, -54.7740, 25.1465



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

61.4716, -27.6192, 9.5649

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.1371, -54.7740, 25.1465 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(16, 226, 142)` looks like.

```
.text, #text, p{  
    color:rgb(16, 226, 142)  
}
```

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(16, 226, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 226, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 75.1371, -54.7740, 25.1465 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(16, 226, 142) }
```


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

```
.border{ border-color:rgb(16, 226, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 226, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 226, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 226, 142);  
box-shadow:4px 4px 4px 4px rgb(16, 226,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.1371, -54.7740, 25.1465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 226, 142) }
```

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

```
.background{ background-color: rgb(16, 226,  
142) }
```

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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