

Converting Colors

HunterLab(76.5901, -44.4366,
15.1732)

Have a look what the booklet for
HunterLab(76.5901, -44.4366,
15.1732) contains.

HunterLab(76.4730, -44.1540, 14.9049)	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(76.4730,
-44.1540, 14.9049)**

Conversions

Conversions Part 1

Format	Color
Hex	58E0AF
RGB	88, 224, 175
RGB Percent	35%, 88%, 69%
CMY	0.6549, 0.1216, 0.3137
CMYK	0.61, 0.00, 0.22, 0.12
HSL	158°, 69%, 61%
HSV	158°, 61%, 88%
XYZ	38.4180, 58.4812, 49.8206
YIQ	177.7500, -65.3270, -44.0710

Conversions

Conversions Part 2

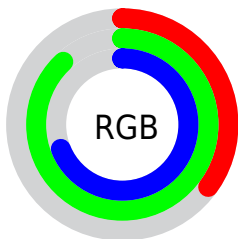
Format	Color
RYB	88, 171, 224
Decimal	5824687
CIELab	81.01, -48.44, 13.14
CIELCh	81, 50.189, 164.827
Yxy	58.4835, 0.2618, 0.3986
Android (android.graphics.Color)	4284014767 (0xFF58E0AF)
YUV	177.7500, -1.3558, -78.7108
Hunter-Lab	76.4730, -44.1540, 14.9049

Details

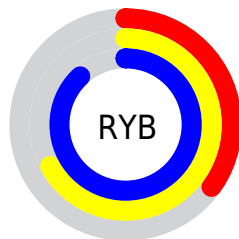
The HunterLab color **76.4730, -44.1540, 14.9049** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **49.6330, 52.4937, 3.2281**, and the grayscale version is **66.6457, -3.5560, 3.6210**.

A 20% lighter version of the original color is **91.4763, -37.9730, 6.7018**, and **54.2314, -37.2535, 12.6351** is the 20% darker color. If you saturate the color by 10%, you get **75.6607, -47.8389, 17.1616**, and if you desaturate by 10%, it is **77.5089, -39.6247, 12.7672**.

Distribution



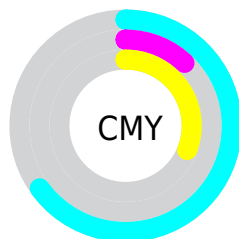
- Red (35%)
- Green (88%)
- Blue (69%)



- Red (35%)
- Yellow (67%)
- Blue (88%)



- Cyan (61%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)





- Cyan (65%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.4730, -44.1540, 14.9049 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 76.4730, -44.1540, 14.9049 by changing the saturation by 10% instead.


 76.4730, -44.1540,
14.9049


 76.4730, -44.1540,
14.9049


204.6913,
-69.8537, 26.6441

 64.9596, -40.8961,
13.6162


 101.3048,
-50.3295, 17.4762


 54.0888, -37.4870,
12.3170


 114.5655,
-53.2841, 18.7640

 43.9028, -33.8875,
11.0001


 128.3591,
-56.1689, 20.0569

 34.4512, -30.0407,
9.6540

 142.6657,
-58.9944, 21.3565

 25.7962, -25.8608,
8.2602

157.4675,
-61.7691, 22.6641

 18.0192, -21.2120,
6.7880

172.7486,

 11.2337, -19.6590,

-64.5001, 23.9807

5.7083

188.4943,
-67.1933, 25.3071

■ 3.3387, -5.8427,
2.3371

0.0000, NaN, NaN

■ 76.4730, -44.1540,
14.9049

■ 76.4730, -44.1540,
14.9049

■ 75.6607, -47.8389,
17.1616

■ 77.5089, -39.6247,
12.7672

■ 75.0531, -50.7006,
19.4983


■ 78.7731, -34.2544,
10.7782


■ 74.6312, -52.7993,
21.8748


■ 80.2719, -28.0738,
8.9655


■ 74.3676, -54.2074,
24.0651

■ 82.0066, -21.1314,
7.3502

 83.9752, -13.4895,
5.9474

 86.1731, -5.2187,
4.7665

 88.5940, 3.6066,
3.8116

 89.9106, 8.5508,
1.4102

 90.1823, 9.9968,
-2.4493

Harmonies

Analogous

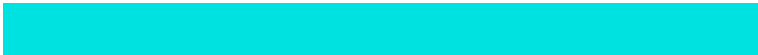
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4745, -34.3129, 29.4516



76.4730, -44.1540, 14.9049



76.4745, -44.2118, -8.1063

Triad

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



76.4745, -44.1547, 14.9057



76.4745, 8.2423, -52.4705



76.4745, 31.9528, 29.3338

Complementary

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



76.4730, -44.1540, 14.9049



49.6330, 52.4937, 3.2281

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.



76.4745, 46.5242, 14.6850



76.4730, -44.1540, 14.9049



76.4745, 31.7178, -34.5437

Square

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



76.4745, -44.1547, 14.9057



76.4745, -15.9330, -52.3549



76.4745, 46.4332, -8.4076



76.4745, 8.5322, 35.8338

Rectangle

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



76.4730, -44.1540, 14.9049



76.4745, -38.7821, -25.8178



76.4745, 46.4332, -8.4076



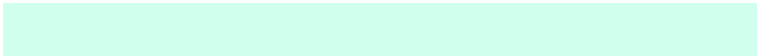
76.4745, 38.1708, 25.4435

Sweetspot

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



76.4745, -44.1547, 14.9057



95.5459, -22.2630, 8.0694



77.0781, -44.8513, 39.6074



43.9089, -11.4591, 3.9668

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.4745, -44.1547, 14.9057



87.4114, -56.4352, 20.6311



71.7895, -27.3672, -14.4875



39.3499, -5.8269, 2.7024



56.7567, -41.2327, 18.0686



14.9993, -10.5082, 3.9363

Inverse Universe

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



49.6330, 52.4937, 3.2281



52.2237, 71.9790, 7.0290



51.8546, 38.9318, 22.0767



37.1238, 1.9174, 1.5548



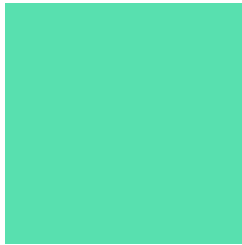
30.9639, 54.1999, 10.9124



8.2540, 14.6431, 1.3971

Previews

White Background



This preview shows how the HunterLab color 76.4730, -44.1540, 14.9049 looks on a white background.

Color Contrast Check

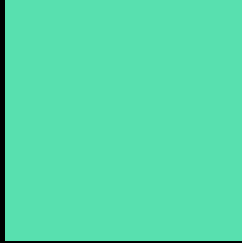
Large Text (above 18pt) WCAG AA × Fail

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 76.4730, -44.1540, 14.9049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

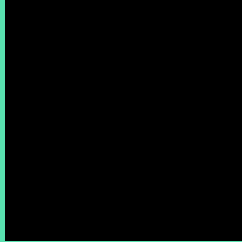
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

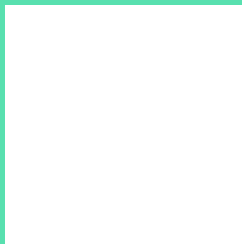
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.4730, -44.1540, 14.9049 Background



This preview shows how black text looks on a background with the HunterLab color 76.4730, -44.1540, 14.9049.



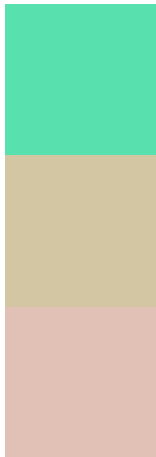
This preview shows how white text looks on a background with the HunterLab color 76.4730,

-44.1540, 14.9049.

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

76.4730, -44.1540, 14.9049

Protanopia

75.7232, -5.4630, 19.4340

Deuteranopia

75.8452, 5.1020, 12.2288



Tritanopia

76.3567, -26.7585, -13.8611

Trichromacy



Original Color

76.4730, -44.1540, 14.9049



Protanomaly

74.8390, -23.0253, 16.7489



Deuteranomaly

74.5348, -16.8989, 11.7072



Tritanomaly

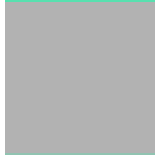
76.3111, -33.6444, -2.4762

Monochromacy



Original Color

76.4730, -44.1540, 14.9049



Achromatopsia

66.7234, -3.5602, 3.6252



Achromatomaly

69.4437, -20.9509, 6.9109

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.4730, -44.1540, 14.9049 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(88, 224, 175)` looks like.

```
.text, #text, p{  
    color:rgb(88, 224, 175)  
}
```

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(88, 224, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 224, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 76.4730, -44.1540, 14.9049 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(88, 224, 175) }
```


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

```
.border{ border-color:rgb(88, 224, 175) }
```

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

Here you see how a box with a 4 pixel rgb(88, 224, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 224, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 224, 175);  
box-shadow:4px 4px 4px 4px rgb(88, 224,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.4730, -44.1540, 14.9049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 224, 175) }
```

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

```
.background{ background-color: rgb(88, 224,  
175) }
```

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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