

Converting Colors

HunterLab(76.7731, -46.8950,
19.4515)

Have a look what the booklet for
HunterLab(76.7731, -46.8950,
19.4515) contains.

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Color

**HunterLab(76.8143,
-46.9495, 19.4014)**

Conversions

Conversions Part 1

Format	Color
Hex	55E2A4
RGB	85, 226, 164
RGB Percent	33%, 89%, 64%
CMY	0.6667, 0.1137, 0.3569
CMYK	0.62, 0.00, 0.27, 0.11
HSL	154°, 71%, 61%
HSV	154°, 62%, 89%
XYZ	37.6435, 59.0044, 44.5269
YIQ	176.7730, -64.1340, -49.1740

Conversions

Conversions Part 2

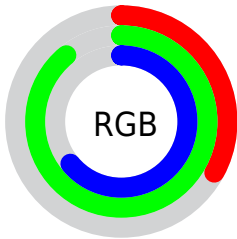
Format	Color
RYB	85, 175, 226
Decimal	5628580
CIELab	81.30, -52.18, 19.30
CIELCh	81, 55.638, 159.706
Yxy	59.0067, 0.2666, 0.4180
Android (android.graphics.Color)	4283818660 (0xFF55E2A4)
YUV	176.7730, -6.2971, -80.4849
Hunter-Lab	76.8143, -46.9495, 19.4014

Details

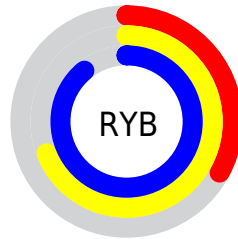
The HunterLab color **76.8143, -46.9495, 19.4014** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **49.7732, 55.9206, -1.2354**, and the grayscale version is **66.2582, -3.5354, 3.5999**.

A 20% lighter version of the original color is **91.0151, -40.4685, 11.7172**, and **54.6985, -39.2687, 16.4015** is the 20% darker color. If you saturate the color by 10%, you get **76.0048, -50.6981, 22.0759**, and if you desaturate by 10%, it is **77.8536, -42.3142, 16.7595**.

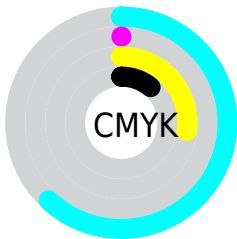
Distribution



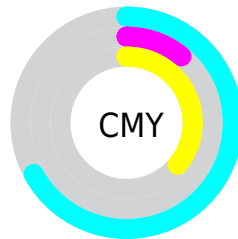
- Red (33%)
- Green (89%)
- Blue (64%)



- Red (33%)
- Yellow (69%)
- Blue (89%)



- Cyan (62%)
- Magenta (0%)
- Yellow (27%)
- Black (11%)





- Cyan (67%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.8143, -46.9495, 19.4014 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 76.8143, -46.9495, 19.4014 by changing the saturation by 10% instead.


 76.8143, -46.9495,
19.4014


 76.8143, -46.9495,
19.4014


205.1650,
-74.1885, 33.5219

 65.2829, -43.4734,
17.7746


 101.6796,
-53.5238, 22.5896

 54.3929, -39.8304,
16.1126


 114.9560,
-56.6625, 24.1622

 44.1865, -35.9779,
14.4023


 128.7646,
-59.7228, 25.7266

 34.7129, -31.8543,
12.6241

 143.0857,
-62.7164, 27.2863

 26.0339, -27.3679,
10.7482

157.9016,
-65.6527, 28.8437

 18.2303, -22.3747,
8.7264

173.1963,

 11.4142, -19.9748,

-68.5393, 30.4010

7.9256

188.9552,
-71.3827, 31.9600

■ 3.7868, -6.6269,
2.6507

0.0000, NaN, NaN

■ 76.8143, -46.9495,
19.4014

■ 76.8143, -46.9495,
19.4014

■ 76.0048, -50.6981,
22.0759

■ 77.8536, -42.3142,
16.7595

■ 75.4052, -53.5843,
24.7400


■ 79.1280, -36.7951,
14.1859


■ 74.9949, -55.6747,
27.3514


■ 80.6443, -30.4242,
11.7155


■ 74.7779, -56.8534,
29.2643


■ 82.4037, -23.2534,
9.3777

 84.4042, -15.3491,
7.1965

 86.6412, -6.7869,
5.1901

 89.1078, 2.3540,
3.3711

 90.6403, 8.1649,
0.2665

 90.9808, 9.9784,
-4.5649

Harmonies

Analogous

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



76.8158, -34.5105, 33.2798



76.8143, -46.9495, 19.4014



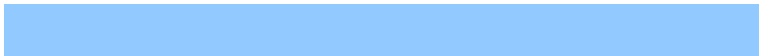
76.8158, -48.8359, -4.6110

Triad

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



76.8158, -46.9503, 19.4021



76.8158, 4.8388, -62.0880



76.8158, 40.0142, 29.4961

Complementary

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



76.8143, -46.9495, 19.4014



49.7732, 55.9206, -1.2354

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.



76.8158, 54.0021, 12.0433



76.8143, -46.9495, 19.4014



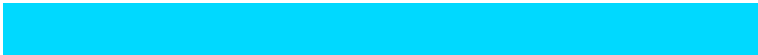
76.8158, 31.9218, -44.2899

Square

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



76.8158, -46.9503, 19.4021



76.8158, -21.2784, -57.9877



76.8158, 50.8520, -14.9771



76.8158, 14.7285, 37.5569

Rectangle

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



76.8143, -46.9495, 19.4014



76.8158, -44.1639, -24.5090



76.8158, 50.8520, -14.9771



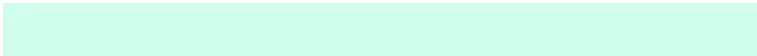
76.8158, 46.3416, 24.8341

Sweetspot

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



76.8158, -46.9503, 19.4021



95.2070, -23.7963, 9.9165



78.3512, -43.4069, 41.0156



43.7531, -12.1827, 4.9291

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.8158, -46.9503, 19.4021



86.9127, -59.2672, 26.2680



76.1982, -33.0983, -9.6143



39.3258, -5.9609, 3.0457



56.5012, -42.8085, 21.7896



14.9355, -10.8997, 4.8611

Inverse Universe

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



49.7732, 55.9206, -1.2354



51.9923, 75.1551, 1.4754



49.4863, 46.2719, 21.0054



37.1486, 2.0506, 1.2013



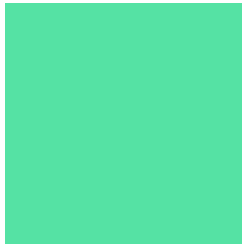
31.2496, 55.2472, 6.7712



8.3346, 14.9365, 0.2442

Previews

White Background



This preview shows how the HunterLab color 76.8143, -46.9495, 19.4014 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 76.8143, -46.9495, 19.4014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

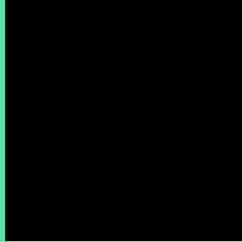
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

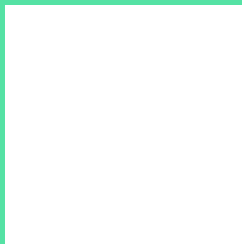
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.8143, -46.9495, 19.4014 Background



This preview shows how black text looks on a background with the HunterLab color 76.8143, -46.9495, 19.4014.



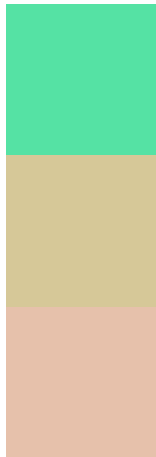
This preview shows how white text looks on a background with the HunterLab color 76.8143,

-46.9495, 19.4014.

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

76.8143, -46.9495, 19.4014

Protanopia

76.0734, -6.2969, 23.6138

Deuteranopia

76.0942, 5.3623, 16.9630



Tritanopia

76.6925, -27.2160, -13.3975

Trichromacy



Original Color

76.8143, -46.9495, 19.4014



Protanomaly

74.9778, -24.7042, 20.8969



Deuteranomaly

74.7241, -18.4209, 16.3281



Tritanomaly

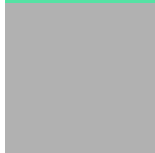
76.4848, -34.9948, -0.2436

Monochromacy



Original Color

76.8143, -46.9495, 19.4014



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

69.2373, -22.0040, 8.8562

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.8143, -46.9495, 19.4014 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(85, 226, 164)` looks like.

```
.text, #text, p{  
    color:rgb(85, 226, 164)  
}
```

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(85, 226, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 226, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 76.8143, -46.9495, 19.4014 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(85, 226, 164) }
```


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

```
.border{ border-color:rgb(85, 226, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 226, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 226, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 226, 164);  
box-shadow:4px 4px 4px 4px rgb(85, 226,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.8143, -46.9495, 19.4014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 226, 164) }
```

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

```
.background{ background-color: rgb(85, 226,  
164) }
```

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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