

Converting Colors

HunterLab(83.0405, -54.7596,
24.6565)

Have a look what the booklet for
HunterLab(83.0405, -54.7596,
24.6565) contains.

HunterLab(83.0388, -54.7711, 24.7927)	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(83.0388,
-54.7711, 24.7927)**

Conversions

Conversions Part 1

Format	Color
Hex	4CF4A5
RGB	76, 244, 165
RGB Percent	30%, 96%, 65%
CMY	0.7019, 0.0431, 0.3529
CMYK	0.69, 0.00, 0.32, 0.04
HSL	152°, 88%, 63%
HSV	152°, 69%, 96%
XYZ	42.1227, 68.9544, 46.6867
YIQ	184.7620, -74.7690, -60.1850

Conversions

Conversions Part 2

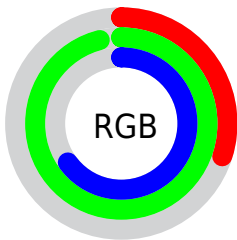
Format	Color
RYB	76, 186, 244
Decimal	5043365
CIELab	86.48, -60.52, 25.88
CIELCh	86, 65.823, 156.849
Yxy	68.9572, 0.2670, 0.4371
Android (android.graphics.Color)	4283233445 (0xFF4CF4A5)
YUV	184.7620, -9.7427, -95.3843
Hunter-Lab	83.0388, -54.7711, 24.7927

Details

The HunterLab color **83.0388, -54.7711, 24.7927** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **51.7398, 67.5023, -2.4751**, and the grayscale version is **69.6166, -3.7146, 3.7824**.

A 20% lighter version of the original color is **90.8443, -41.0719, 11.0675**, and **60.6077, -44.9483, 21.2761** is the 20% darker color. If you saturate the color by 10%, you get **82.3048, -58.2776, 27.8207**, and if you desaturate by 10%, it is **84.0177, -50.2873, 21.7307**.

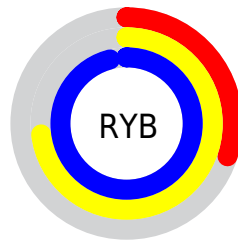
Distribution



Red (30%)

Green (96%)

Blue (65%)



Red (30%)

Yellow (73%)

Blue (96%)

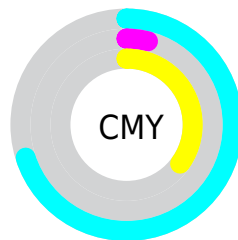


Cyan (69%)

Magenta (0%)

Yellow (32%)

Black (4%)



Cyan (70%)


Magenta (4%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.0388, -54.7711, 24.7927 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 83.0388, -54.7711, 24.7927 by changing the saturation by 10% instead.


 83.0388, -54.7711,
24.7927

 83.0388, -54.7711,
24.7927


213.7475,
-85.1298, 41.4641


 71.1877, -50.8835,
22.8158


 108.4990,
-62.1222, 28.6299


 59.9596, -46.8120,
20.7833


 122.0541,
-65.6283, 30.5054

 49.3931, -42.5137,
18.6790


 136.1310,
-69.0437, 32.3606

 39.5325, -37.9279,
16.4796

 150.7108,
-72.3809, 34.2000

 30.4326, -32.9677,
14.1516

165.7770,
-75.6502, 36.0272

 22.1632, -27.5025,
11.6448

181.3142,

 14.8182, -22.8370,

-78.8601, 37.8454

9.6623

197.3086,
-82.0180, 39.6570

■ 8.4717, -14.8254,
5.9302

0.0000, NaN, NaN

■ 83.0388, -54.7711,
24.7927

■ 83.0388, -54.7711,
24.7927

■ 82.3048, -58.2776,
27.8207

■ 84.0177, -50.2873,
21.7307

■ 81.7889, -60.8614,
30.7657


■ 85.2513, -44.8077,
18.6779


■ 81.4550, -62.6585,
33.5741


■ 86.7502, -38.3507,
15.6775


■ 81.4222, -62.8396,
33.8820

■ 88.5186, -30.9616,
12.7684

 90.5563, -22.7062,
9.9841

 92.8598, -13.6642,
7.3525

 95.4229, -3.9235,
4.8949

 96.5318, 0.5274,
1.3834

Harmonies

Analogous

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



83.0405, -38.9301, 39.5908



83.0388, -54.7711, 24.7927



83.0405, -58.1710, -2.9463

Triad

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



83.0405, -54.7719, 24.7934



83.0405, 3.2092, -79.6773



83.0405, 52.2112, 33.0202

Complementary

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



83.0388, -54.7711, 24.7927



51.7398, 67.5023, -2.4751

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.



83.0405, 67.8030, 11.3518



83.0388, -54.7711, 24.7927



83.0405, 36.8099, -59.1341

Square

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



83.0405, -54.7719, 24.7934



83.0405, -27.7743, -71.5895



83.0405, 61.7695, -22.6529



83.0405, 21.8050, 42.8925

Rectangle

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



83.0388, -54.7711, 24.7927



83.0405, -53.4869, -27.3457



83.0405, 61.7695, -22.6529



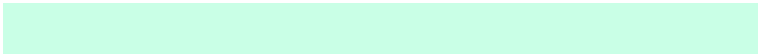
83.0405, 59.5573, 27.2811

Sweetspot

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



83.0405, -54.7719, 24.7934



94.7116, -25.8541, 11.1274



85.0966, -49.0703, 46.8126



43.5385, -13.0888, 5.5203

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.0405, -54.7719, 24.7934



86.2691, -62.5641, 30.6079



84.3209, -39.9665, -8.9248



43.1495, -6.6379, 3.4978



60.0621, -46.1926, 24.6442



17.8644, -13.3344, 6.4561

Inverse Universe

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



51.7398, 67.5023, -2.4751



49.9928, 80.5602, 1.4536



50.3185, 58.7918, 23.9777



40.7581, 2.3517, 1.1578



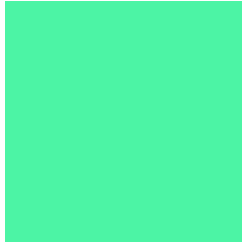
33.3988, 59.2832, 5.4064



10.0050, 17.9518, 0.1239

Previews

White Background



This preview shows how the HunterLab color 83.0388, -54.7711, 24.7927 looks on a white background.

Color Contrast Check

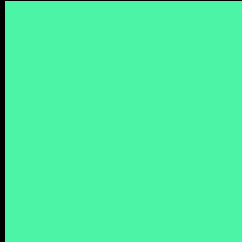
Large Text (above 18pt) WCAG AA × Fail

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 83.0388, -54.7711, 24.7927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

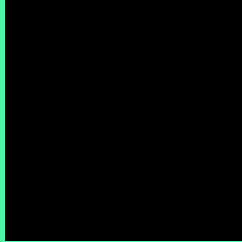
Any Text WCAG AA ✓ Pass

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 83.0388, -54.7711, 24.7927 Background



This preview shows how black text looks on a background with the HunterLab color 83.0388, -54.7711, 24.7927.



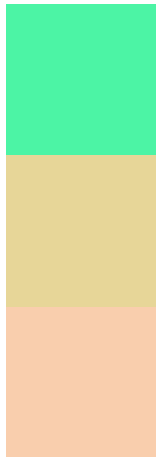
This preview shows how white text looks on a background with the HunterLab color 83.0388,

-54.7711, 24.7927.

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

83.0388, -54.7711, 24.7927

Protanopia

82.0665, -7.3070, 28.9797

Deuteranopia

82.0363, 5.8774, 22.0800



Tritanopia

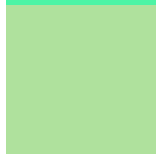
82.8379, -30.4595, -15.4049

Trichromacy



Original Color

83.0388, -54.7711, 24.7927



Protanomaly

80.8695, -29.6351, 25.9261



Deuteranomaly

80.3292, -22.5853, 21.0334



Tritanomaly

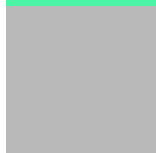
82.6634, -40.4946, 1.6630

Monochromacy



Original Color

83.0388, -54.7711, 24.7927



Achromatopsia

69.6527, -3.7165, 3.7844



Achromatomaly

73.0594, -25.7659, 10.3865

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.0388, -54.7711, 24.7927 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(76, 244, 165)` looks like.

```
.text, #text, p{  
    color:rgb(76, 244, 165)  
}
```

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(76, 244, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 244, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 83.0388, -54.7711, 24.7927 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(76, 244, 165) }
```


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

```
.border{ border-color:rgb(76, 244, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 244, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 244, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 244, 165);  
box-shadow:4px 4px 4px 4px rgb(76, 244,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.0388, -54.7711, 24.7927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 244, 165) }
```

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

```
.background{ background-color: rgb(76, 244,  
165) }
```

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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