

# Converting Colors

HunterLab(85.7412, -54.6505,  
24.9893)

Have a look what the booklet for  
HunterLab(85.7412, -54.6505,  
24.9893) contains.

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# Color

**HunterLab(85.7458,  
-54.6109, 24.8925)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5AFAAC                       |
| RGB         | 90, 250, 172                 |
| RGB Percent | 35%, 98%, 67%                |
| CMY         | 0.6470, 0.0196, 0.3255       |
| CMYK        | 0.64, 0.00, 0.31, 0.02       |
| HSL         | 151°, 94%, 67%               |
| HSV         | 151°, 64%, 98%               |
| XYZ         | 45.8484, 73.5234, 50.8047    |
| YIQ         | 193.2680, -70.3220, -58.1780 |

# Conversions

## Conversions Part 2

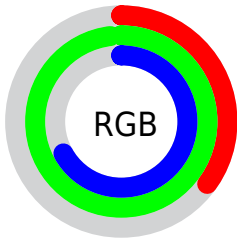
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 90, 196, 250                    |
| Decimal                             | 5962412                         |
| CIELab                              | 88.70, -59.15, 25.39            |
| CIELCh                              | 89, 64.367, 156.769             |
| Yxy                                 | 73.5264, 0.2694,<br>0.4320      |
| Android<br>(android.graphics.Color) | 4284152492<br>(0xFF5AFAAC)      |
| YUV                                 | 193.2680, -10.4851,<br>-90.5660 |
| Hunter-Lab                          | 85.7458, -54.6109,<br>24.8925   |

# Details

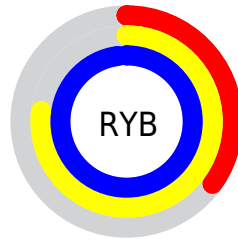
The HunterLab color **85.7458, -54.6109, 24.8925** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **55.1951, 65.5949, -4.6376**, and the grayscale version is **73.2052, -3.9060, 3.9774**.

A 20% lighter version of the original color is **91.6469, -37.5020, 8.3312**, and **62.4749, -45.9613, 21.1291** is the 20% darker color. If you saturate the color by 10%, you get **84.8701, -58.7238, 28.0942**, and if you desaturate by 10%, it is **86.8836, -49.4679, 21.6544**.

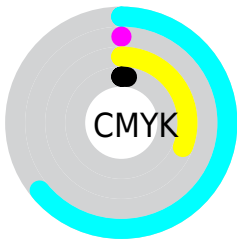
# Distribution



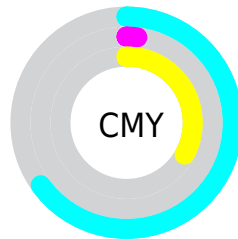
- Red (35%)
- Green (98%)
- Blue (67%)



- Red (35%)
- Yellow (77%)
- Blue (98%)



- Cyan (64%)
- Magenta (0%)
- Yellow (31%)
- Black (2%)




- Cyan (65%)
- Magenta (2%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.7458, -54.6109, 24.8925 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 85.7458, -54.6109, 24.8925 by changing the saturation by 10% instead.





 85.7458, -54.6109,  
24.8925


 85.7458, -54.6109,  
24.8925


217.4482,  
-84.2500, 41.3392


 73.7608, -50.8386,  
22.9533


 111.4559,  
-61.7617, 28.6655


 62.3913, -46.8959,  
20.9632


 125.1283,  
-65.1792, 30.5130

 51.6747, -42.7439,  
18.9079


 139.3181,  
-68.5120, 32.3423

 41.6534, -38.3279,  
16.7662

 154.0071,  
-71.7717, 34.1576

 32.3796, -33.5696,  
14.5077

169.1789,  
-74.9680, 35.9624

 23.9192, -28.3527,  
12.0876

184.8185,

 16.3596, -22.9166,

-78.1089, 37.7594

9.7162

200.9125,  
-81.2009, 39.5510

■ 9.8245, -17.1929,  
6.8771

0.0000, NaN, NaN

■ 85.7458, -54.6109,  
24.8925

■ 85.7458, -54.6109,  
24.8925

■ 84.8701, -58.7238,  
28.0942

■ 86.8836, -49.4679,  
21.6544

■ 84.2326, -61.8411,  
31.2093


■ 88.2907, -43.2937,  
18.4241


■ 83.8076, -64.0493,  
34.1897


■ 89.9754, -36.1232,  
15.2459

■ 83.6276, -65.0434,  
35.8828

■ 91.9397, -28.0153,  
12.1590

 94.1816, -19.0472,  
9.1972

 96.6958, -9.3074,  
6.3881

 98.4144, -2.6805,  
3.5989

# Harmonies

## Analogous

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



85.7475, -38.7505, 39.8432



85.7458, -54.6109, 24.8925



85.7475, -58.0527, -2.6095

# Triad

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



85.7475, -54.6118, 24.8932



85.7475, 2.8812, -77.4139



85.7475, 51.1989, 33.0859

# Complementary

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



85.7458, -54.6109, 24.8925



55.1951, 65.5949, -4.6376

# 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.



85.7475, 66.4033, 11.3578



85.7458, -54.6109, 24.8925



85.7475, 35.9533, -57.6063

# Square

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



85.7475, -54.6118, 24.8932



85.7475, -27.7777, -69.5238



85.7475, 60.4464, -22.1284



85.7475, 21.3806, 43.1995



# Rectangle

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



85.7458, -54.6109, 24.8925



85.7475, -53.3802, -26.5153



85.7475, 60.4464, -22.1284



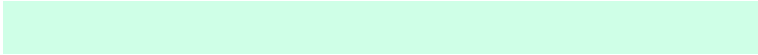
85.7475, 58.3753, 27.2838

# Sweetspot

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



85.7475, -54.6118, 24.8932



95.1376, -24.1899, 10.9093



88.1241, -47.6510, 46.9591



43.7167, -12.3906, 5.4513

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.7475, -54.6118, 24.8932



86.5748, -61.1473, 29.7265



88.0058, -41.1168, -7.4251



44.1109, -6.8288, 3.6628



60.9294, -47.2220, 25.7823



18.6004, -14.0140, 7.0033



# Inverse Universe

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



55.1951, 65.5949, -4.6376



51.6697, 77.6454, -2.0695



53.2691, 57.3288, 23.0608



41.6728, 2.4480, 1.0933



33.9898, 60.4815, 4.3442

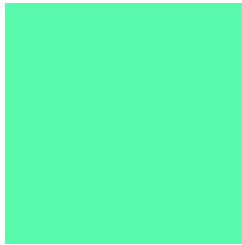


10.4468, 18.7797, -0.1427



# Previews

## White Background



This preview shows how the HunterLab color 85.7458, -54.6109, 24.8925 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

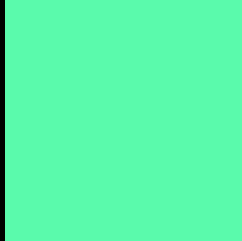
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.7458, -54.6109, 24.8925 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

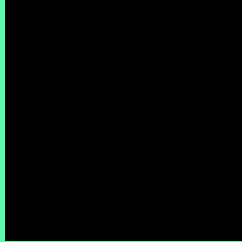
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

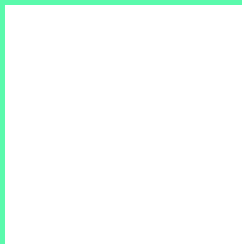
Any Text WCAG AAA ✓ Pass

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

# HunterLab 85.7458, -54.6109, 24.8925 Background



This preview shows how black text looks on a background with the HunterLab color 85.7458, -54.6109, 24.8925.



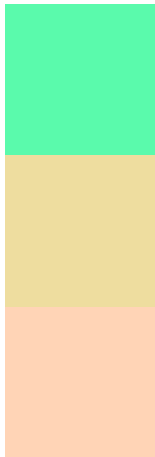
This preview shows how white text looks on a background with the HunterLab color 85.7458,

-54.6109, 24.8925.

# 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

85.7458, -54.6109, 24.8925

### Protanopia

85.0842, -7.5513, 29.4394

### Deuteranopia

84.6902, 6.1312, 21.3103



## Tritanopia

85.3561, -27.7349, -13.6058

# Trichromacy



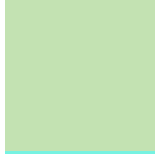
## Original Color

85.7458, -54.6109, 24.8925



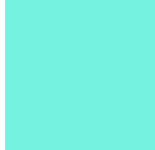
## Protanomaly

84.0142, -29.4800, 26.4670



## Deuteranomaly

83.1920, -21.7014, 20.8646



## Tritanomaly

85.3183, -38.8114, 2.3907

# Monochromacy



## Original Color

85.7458, -54.6109, 24.8925



## Achromatopsia

73.0258, -3.8965, 3.9676



## Achromatomaly

76.5923, -25.6351, 11.2167

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.7458, -54.6109, 24.8925 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(90, 250, 172)` looks like.

```
.text, #text, p{  
    color:rgb(90, 250, 172)  
}
```

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(90, 250, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 250, 172) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.7458, -54.6109, 24.8925 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(90, 250, 172) }
```



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

```
.border{ border-color:rgb(90, 250, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 250, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 250, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 250, 172);  
box-shadow:4px 4px 4px 4px rgb(90, 250,  
172) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.7458, -54.6109, 24.8925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 250, 172) }
```

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

```
.background{ background-color: rgb(90, 250,  
172) }
```

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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