

# Converting Colors

HunterLab(74.4914, -57.5023,  
32.3511)

Have a look what the booklet for  
HunterLab(74.4914, -57.5023,  
32.3511) contains.

<b>HunterLab(74.3134, -57.3662, 32.3229)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(74.3134,  
-57.3662, 32.3229)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17E171
RGB	23, 225, 113
RGB Percent	9%, 88%, 44%
CMY	0.9098, 0.1176, 0.5569
CMYK	0.90, 0.00, 0.50, 0.12
HSL	147°, 81%, 49%
HSV	147°, 90%, 88%
XYZ	30.2592, 55.2248, 24.6873
YIQ	151.8340, -84.4400, -77.6560

# Conversions

## Conversions Part 2

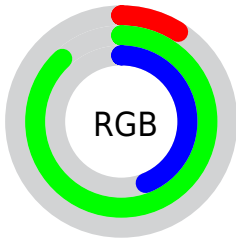
Format	Color
R <sub>Y</sub> B	23, 163, 225
Decimal	1565041
CIE Lab	79.17, -68.81, 42.13
CIE LCh	79, 80.683, 148.521
Yxy	55.2271, 0.2747, 0.5013
Android (android.graphics.Color)	4279755121 (0xFF17E171)
YUV	151.8340, -19.1452, -112.9874
Hunter-Lab	74.3134, -57.3662, 32.3229

# Details

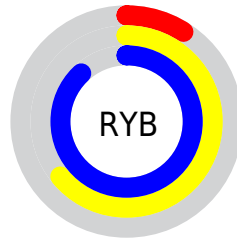
The HunterLab color **74.3134, -57.3662, 32.3229** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **42.8611, 73.8065, -4.0091**, and the grayscale version is **56.0691, -2.9917, 3.0463**.

A 20% lighter version of the original color is **88.1787, -54.2776, 28.8032**, and **53.2476, -43.3280, 26.9778** is the 20% darker color. If you saturate the color by 10%, you get **74.0176, -58.9716, 34.8118**, and if you desaturate by 10%, it is **74.7763, -55.0358, 29.6020**.

# Distribution



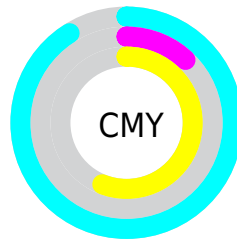
- Red (9%)
- Green (88%)
- Blue (44%)



- Red (9%)
- Yellow (64%)
- Blue (88%)



- Cyan (90%)
- Magenta (0%)
- Yellow (50%)
- Black (12%)




- Cyan (91%)
- Magenta (12%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.3134, -57.3662, 32.3229 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 74.3134, -57.3662, 32.3229 by changing the saturation by 10% instead.





 74.3134, -57.3662,  
32.3229


 74.3134, -57.3662,  
32.3229


201.6859,  
-91.8591, 56.0219


 62.9155, -52.8329,  
29.3131


 98.9311, -65.8504,  
38.0222

 52.1670, -48.0454,  
26.1630


 112.0916,  
-69.8622, 40.7468

 42.1118, -42.9406,  
22.8396


 125.7890,  
-73.7513, 43.4061

 32.8012, -37.4289,  
19.2999

 140.0028,  
-77.5347, 46.0102

 24.3005, -31.3802,  
15.6177

 154.7150,  
-81.2266, 48.5675

 16.6958, -25.6083,  
11.6870

169.9093,

 10.1085, -17.6899,

-84.8385, 51.0849

7.0759

185.5708,  
-88.3799, 53.5680

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.3134, -57.3662,  
32.3229

■ 74.3134, -57.3662,  
32.3229

■ 74.0176, -58.9716,  
34.8118

■ 74.7763, -55.0358,  
29.6020

■ 74.0117, -59.0039,  
34.8643


■ 75.4423, -51.8272,  
26.6967


■ 76.3332, -47.6877,  
23.6482


■ 77.4628, -42.6032,  
20.4988


■ 78.8390, -36.5917,

17.2908

 80.4657, -29.6974,  
14.0656

 82.3425, -21.9843,  
10.8613

 84.4659, -13.5297,  
7.7120

 86.8298, -4.4180,  
4.6466

# Harmonies

## Analogous

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



74.3149, -36.2588, 43.2303



74.3134, -57.3662, 32.3229



74.3149, -64.6741, 5.8492

# Triad

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



74.3149, -57.3670, 32.3233



74.3149, -5.8802, -107.1704



74.3149, 73.3426, 30.5230

# Complementary

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



74.3134, -57.3662, 32.3229



42.8611, 73.8065, -4.0091

# 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.



74.3149, 85.9793, 2.1948



74.3134, -57.3662, 32.3229



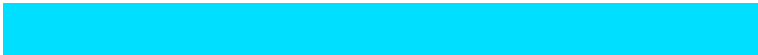
74.3149, 34.9918, -88.8673

# Square

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



74.3149, -57.3670, 32.3233



74.3149, -38.9636, -85.1536



74.3149, 70.7121, -43.2101



74.3149, 39.0047, 42.6276



# Rectangle

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



74.3134, -57.3662, 32.3229



74.3149, -62.1721, -22.1277



74.3149, 70.7121, -43.2101



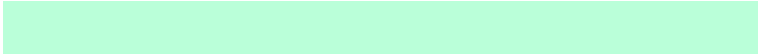
74.3149, 80.5442, 23.1962

# Sweetspot

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



74.3149, -57.3670, 32.3233



93.2623, -32.0115, 15.2502



76.9888, -47.8437, 45.9780



42.8223, -16.1640, 7.6454

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.3149, -57.3670, 32.3233



85.2796, -68.0785, 40.3698



76.6583, -43.0950, -1.4568



39.2915, -6.1524, 3.5363



56.2021, -44.6636, 26.1681



14.8568, -11.3858, 6.0090



# Inverse Universe

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



42.8611, 73.8065, -4.0091



48.1609, 86.4941, -0.0193



40.9287, 66.5601, 23.9121



37.1849, 2.2453, 0.6850



31.7771, 57.1681, -0.7752

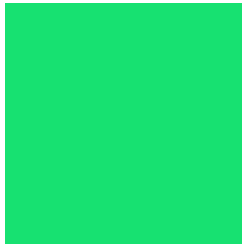


8.4728, 15.4364, -1.7073



# Previews

## White Background



This preview shows how the HunterLab color 74.3134, -57.3662, 32.3229 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 74.3134, -57.3662, 32.3229 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 74.3134, -57.3662, 32.3229 Background



This preview shows how black text looks on a background with the HunterLab color 74.3134, -57.3662, 32.3229.



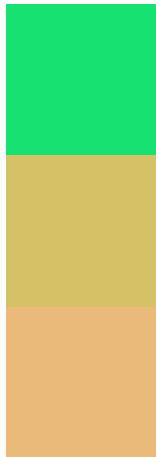
This preview shows how white text looks on a background with the HunterLab color 74.3134,

-57.3662, 32.3229.

# 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

74.3134, -57.3662, 32.3229

### Protanopia

73.3751, -8.1781, 34.9128

### Deuteranopia

73.5121, 5.0629, 30.2729



## Tritanopia

74.0397, -29.0102, -14.2462

# Trichromacy



## Original Color

74.3134, -57.3662, 32.3229



## Protanomaly

71.2201, -34.1323, 31.9364



## Deuteranomaly

70.5752, -27.6778, 28.3415



## Tritanomaly

73.6909, -42.0070, 6.8465

# Monochromacy



## Original Color

74.3134, -57.3662, 32.3229



## Achromatopsia

56.0347, -2.9899, 3.0445



## Achromatomaly

60.8921, -28.7811, 13.6054

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.3134, -57.3662, 32.3229 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(23, 225, 113)` looks like.

```
.text, #text, p{  
    color:rgb(23, 225, 113)  
}
```

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(23, 225, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 225, 113) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.3134, -57.3662, 32.3229 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(23, 225, 113) }
```



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

```
.border{ border-color:rgb(23, 225, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 225, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 225, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 225, 113);  
box-shadow:4px 4px 4px 4px rgb(23, 225,  
113) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.3134, -57.3662, 32.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 225, 113) }
```

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

```
.background{ background-color: rgb(23, 225,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor