

# Converting Colors

HunterLab(74.8095, -53.0814,  
30.5906)

Have a look what the booklet for  
HunterLab(74.8095, -53.0814,  
30.5906) contains.

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# Color

**HunterLab(74.8209,  
-53.1086, 30.5841)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45E07A
RGB	69, 224, 122
RGB Percent	27%, 88%, 48%
CMY	0.7294, 0.1216, 0.5216
CMYK	0.69, 0.00, 0.46, 0.12
HSL	141°, 71%, 57%
HSV	141°, 69%, 88%
XYZ	32.6227, 55.9817, 27.4985
YIQ	166.0270, -59.6380, -64.5820

# Conversions

## Conversions Part 2

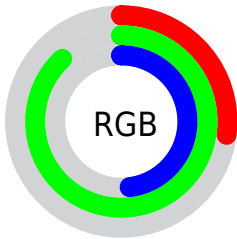
Format	Color
<a href="#">RYB</a>	<a href="#">69, 185, 224</a>
Decimal	<a href="#">4579450</a>
CIELab	<a href="#">79.60, -62.01, 38.41</a>
CIELCh	<a href="#">80, 72.942, 148.221</a>
Yxy	<a href="#">55.9840, 0.2810, 0.4822</a>
Android (android.graphics.Color)	<a href="#">4282769530 (0xFF45E07A)</a>
YUV	<a href="#">166.0270, -21.7053, -85.0927</a>
Hunter-Lab	<a href="#">74.8209, -53.1086, 30.5841</a>

# Details

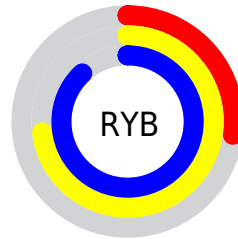
The HunterLab color **74.8209, -53.1086, 30.5841** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **48.0050, 65.5472, -16.8592**, and the grayscale version is **61.8682, -3.3011, 3.3614**.

A 20% lighter version of the original color is **89.3339, -49.2587, 26.9242**, and **53.0022, -42.3852, 25.2493** is the 20% darker color. If you saturate the color by 10%, you get **74.1454, -56.3799, 33.5202**, and if you desaturate by 10%, it is **75.7343, -48.8458, 27.3593**.

# Distribution



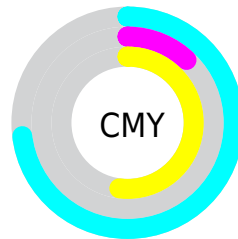
- Red (27%)
- Green (88%)
- Blue (48%)



- Red (27%)
- Yellow (73%)
- Blue (88%)



- Cyan (69%)
- Magenta (0%)
- Yellow (46%)
- Black (12%)




- Cyan (73%)
- Magenta (12%)
- Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.8209, -53.1086, 30.5841 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 74.8209, -53.1086, 30.5841 by changing the saturation by 10% instead.





 74.8209, -53.1086,  
30.5841


 74.8209, -53.1086,  
30.5841


202.3934,  
-84.6239, 52.6481


 63.3956, -49.0078,  
27.8109


 99.4893, -60.8103,  
35.8535

 52.6182, -44.6874,  
24.9147


 112.6735,  
-64.4639, 38.3810

 42.5320, -40.0922,  
21.8647


 126.3936,  
-68.0127, 40.8531

 33.1879, -35.1428,  
18.6198

 140.6294,  
-71.4718, 43.2789

 24.6506, -29.7221,  
15.1319

155.3628,  
-74.8532, 45.6657

 17.0049, -23.9939,  
11.9034

170.5776,

 10.3703, -18.1481,

-78.1670, 48.0197

7.2592

186.2590,  
-81.4215, 50.3457

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.8209, -53.1086,  
30.5841

■ 74.8209, -53.1086,  
30.5841

■ 74.1454, -56.3799,  
33.5202

■ 75.7343, -48.8458,  
27.3593

■ 73.6831, -58.7092,  
36.1316

■ 76.8946, -43.5778,  
23.8847

■ 73.3975, -60.2376,  
38.3836


■ 78.3110, -37.3292,  
20.2054


■ 73.3782, -60.3427,  
38.5461


■ 79.9867, -30.1512,  
16.3685


■ 81.9206, -22.1158,

12.4208

 84.1085, -13.3083,  
8.4065

 86.5432, -3.8212,  
4.3660

 89.2158, 6.2520,  
0.3343

 90.4280, 11.3006,  
-5.9293

# Harmonies

## Analogous

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



74.8224, -33.2784, 41.4071



74.8209, -53.1086, 30.5841



74.8224, -60.1553, 6.0363

# Triad

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



74.8224, -53.1095, 30.5846



74.8224, -6.0776, -92.5481



74.8224, 65.1447, 28.4928

# Complementary

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



74.8209, -53.1086, 30.5841



48.0050, 65.5472, -16.8592

# 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.



74.8224, 76.0029, 2.0545



74.8209, -53.1086, 30.5841



74.8224, 30.6218, -77.3228

# Square

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



74.8224, -53.1095, 30.5846



74.8224, -36.2903, -73.5148



74.8224, 62.3615, -38.1793



74.8224, 34.9162, 40.6493



# Rectangle

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



74.8209, -53.1086, 30.5841



74.8224, -57.8632, -18.8798



74.8224, 62.3615, -38.1793



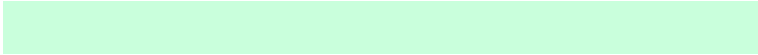
74.8224, 71.4007, 21.4768

# Sweetspot

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



74.8224, -53.1095, 30.5846



94.4217, -27.5086, 15.2878



79.0898, -37.2556, 43.8616



43.3893, -13.9447, 7.6635

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.8224, -53.1095, 30.5846



85.6129, -66.6174, 40.2041



76.5923, -42.3916, 5.0169



39.2610, -6.3231, 3.9737



55.9991, -45.9284, 29.1521



14.7987, -11.7460, 6.8591



# Inverse Universe

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



48.0050, 65.5472, -16.8592



51.3973, 85.8739, -18.2721



45.7468, 56.2295, 15.1924



37.2180, 2.4232, 0.2130



32.3732, 59.3197, -9.1551



8.6199, 15.9643, -3.7510



# Previews

## White Background



This preview shows how the HunterLab color 74.8209, -53.1086, 30.5841 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

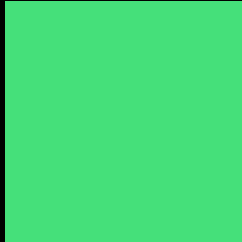
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.8209, -53.1086, 30.5841 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 74.8209, -53.1086, 30.5841 Background



This preview shows how black text looks on a background with the HunterLab color 74.8209, -53.1086, 30.5841.



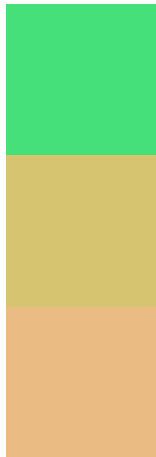
This preview shows how white text looks on a background with the HunterLab color 74.8209, -53.1086, 30.5841.

-53.1086, 30.5841.

# 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

74.8209, -53.1086, 30.5841

### Protanopia

74.2272, -8.0021, 33.3539

### Deuteranopia

73.9404, 5.3086, 28.4365



## Tritanopia

74.6642, -26.6378, -13.3235

# Trichromacy



## Original Color

74.8209, -53.1086, 30.5841



## Protanomaly

72.8594, -29.2033, 30.9386



## Deuteranomaly

72.0179, -21.9169, 27.1805



## Tritanomaly

74.2326, -37.8978, 6.1692

# Monochromacy



## Original Color

74.8209, -53.1086, 30.5841



## Achromatopsia

61.7516, -3.2949, 3.3551



## Achromatomaly

65.2441, -24.8907, 13.5464

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.8209, -53.1086, 30.5841 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(69, 224, 122)` looks like.

```
.text, #text, p{  
    color:rgb(69, 224, 122)  
}
```

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(69, 224, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 224, 122) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.8209, -53.1086, 30.5841 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(69, 224, 122) }
```



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

```
.border{ border-color:rgb(69, 224, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 224, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(69, 224, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(69, 224, 122); box-shadow:4px 4px 4px 4px rgb(69, 224, 122) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.8209, -53.1086, 30.5841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 224, 122) }
```

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

```
.background{ background-color: rgb(69, 224,  
122) }
```

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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