

Converting Colors

HunterLab(75.6963, -49.8626,
24.7942)

Have a look what the booklet for
HunterLab(75.6963, -49.8626,
24.7942) contains.

HunterLab(75.8106, -50.0319, 24.8879)	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(75.8106,
-50.0319, 24.8879)**

Conversions

Conversions Part 1

Format	Color
Hex	4DE191
RGB	77, 225, 145
RGB Percent	30%, 88%, 57%
CMY	0.6980, 0.1176, 0.4314
CMYK	0.66, 0.00, 0.36, 0.12
HSL	148°, 71%, 59%
HSV	148°, 66%, 88%
XYZ	35.0965, 57.4725, 36.0315
YIQ	171.6280, -62.5280, -56.2560

Conversions

Conversions Part 2

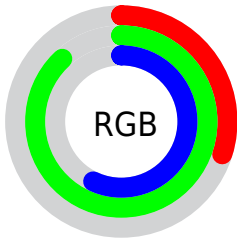
Format	Color
RYB	77, 178, 225
Decimal	5104017
CIELab	80.45, -57.00, 27.95
CIELCh	80, 63.482, 153.880
Yxy	57.4748, 0.2729, 0.4469
Android (android.graphics.Color)	4283294097 (0xFF4DE191)
YUV	171.6280, -13.1276, -82.9888
Hunter-Lab	75.8106, -50.0319, 24.8879

Details

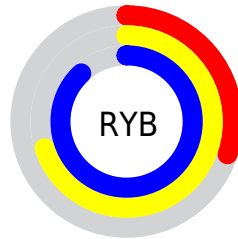
The HunterLab color **75.8106, -50.0319, 24.8879** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **48.7348, 60.4625, -7.7208**, and the grayscale version is **64.1480, -3.4228, 3.4853**.

A 20% lighter version of the original color is **90.1700, -44.8550, 19.2485**, and **53.6781, -40.6542, 20.6677** is the 20% darker color. If you saturate the color by 10%, you get **75.0598, -53.5973, 27.8309**, and if you desaturate by 10%, it is **76.7942, -45.5356, 21.8386**.

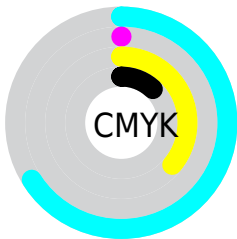
Distribution



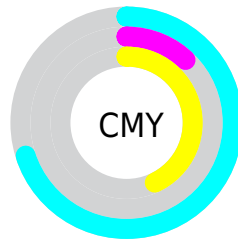
- Red (30%)
- Green (88%)
- Blue (57%)



- Red (30%)
- Yellow (70%)
- Blue (88%)



- Cyan (66%)
- Magenta (0%)
- Yellow (36%)
- Black (12%)





- Cyan (70%)
- Magenta (12%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.8106, -50.0319, 24.8879 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 75.8106, -50.0319, 24.8879 by changing the saturation by 10% instead.


 75.8106, -50.0319,
24.8879


 75.8106, -50.0319,
24.8879


203.7710,
-79.3493, 42.5057


 64.3324, -46.2529,
22.7575


 100.5772,
-57.1534, 28.9904

 53.4988, -42.2815,
20.5527


 113.8073,
-60.5422, 30.9829

 43.3526, -38.0692,
18.2519


 127.5715,
-63.8399, 32.9467

 33.9439, -33.5457,
15.8237

 141.8498,
-67.0598, 34.8877

 25.3358, -28.6066,
13.2225

156.6244,
-70.2125, 36.8106

 17.6111, -23.1168,
10.6086

171.8790,

 10.8856, -19.0497,

-73.3070, 38.7192

7.6199

187.5989,
-76.3505, 40.6167

■ 2.2218, -3.8882,
1.5553

0.0000, NaN, NaN

■ 75.8106, -50.0319,
24.8879

■ 75.8106, -50.0319,
24.8879

■ 75.0598, -53.5973,
27.8309

■ 76.7942, -45.5356,
21.8386

■ 74.5199, -56.2662,
30.6241


■ 78.0174, -40.1049,
18.7235


■ 74.1670, -58.1213,
33.2272


■ 79.4881, -33.7692,
15.5845


■ 74.0536, -58.7434,
34.2495


■ 81.2083, -26.5804,
12.4607

 83.1764, -18.6076,
9.3877

 85.3880, -9.9306,
6.3959

 87.8360, -0.6343,
3.5104

 90.3003, 8.4923,
0.4786

 90.7183, 10.7154,
-5.4495

Harmonies

Analogous

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



75.8121, -34.1797, 37.4709



75.8106, -50.0319, 24.8879



75.8121, -54.3358, 0.2347

Triad

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



75.8121, -50.0327, 24.8885



75.8121, -0.0205, -75.8020



75.8121, 51.3331, 29.1954

Complementary

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



75.8106, -50.0319, 24.8879



48.7348, 60.4625, -7.7208

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.



75.8121, 64.1507, 7.8226



75.8106, -50.0319, 24.8879



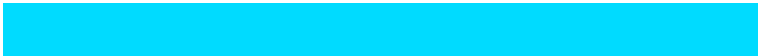
75.8121, 31.6737, -58.7151

Square

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



75.8121, -50.0327, 24.8885



75.8121, -28.2853, -65.4235



75.8121, 56.4422, -24.9301



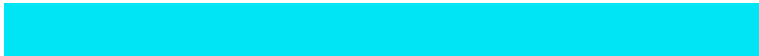
75.8121, 23.6748, 39.1746

Rectangle

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



75.8106, -50.0319, 24.8879



75.8121, -50.7553, -22.2523



75.8121, 56.4422, -24.9301



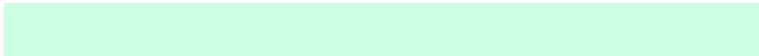
75.8121, 57.7034, 23.4918

Sweetspot

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



75.8121, -50.0327, 24.8885



94.8300, -25.5568, 12.3537



78.5484, -41.0018, 42.3832



43.5786, -13.0186, 6.1801

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.8121, -50.0327, 24.8885



86.2383, -63.0442, 33.3098



77.7635, -38.3239, -3.1188



39.2957, -6.1293, 3.4772



56.2341, -44.4644, 25.6982



14.8655, -11.3318, 5.8815

Inverse Universe

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



48.7348, 60.4625, -7.7208



51.4598, 80.2580, -6.5079



46.8644, 52.5264, 19.0809



37.1804, 2.2215, 0.7480



31.7057, 56.9091, 0.2387



8.4546, 15.3710, -1.4528

Previews

White Background



This preview shows how the HunterLab color 75.8106, -50.0319, 24.8879 looks on a white background.

Color Contrast Check

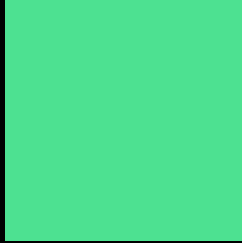
Large Text (above 18pt) WCAG AA × Fail

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 75.8106, -50.0319, 24.8879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

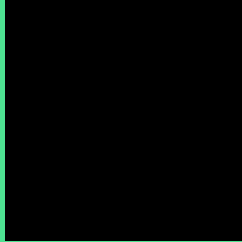
Any Text WCAG AA ✓ Pass

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 75.8106, -50.0319, 24.8879 Background



This preview shows how black text looks on a background with the HunterLab color 75.8106, -50.0319, 24.8879.



This preview shows how white text looks on a background with the HunterLab color 75.8106,

-50.0319, 24.8879.

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

75.8106, -50.0319, 24.8879

Protanopia

75.1036, -7.2985, 28.3454

Deuteranopia

75.0217, 5.3841, 22.5049



Tritanopia

75.5282, -26.5904, -13.8557

Trichromacy



Original Color

75.8106, -50.0319, 24.8879



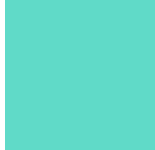
Protanomaly

74.0535, -27.2638, 25.9030



Deuteranomaly

73.5826, -20.1755, 21.7385



Tritanomaly

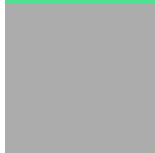
75.3656, -36.3923, 2.8148

Monochromacy



Original Color

75.8106, -50.0319, 24.8879



Achromatopsia

64.2295, -3.4271, 3.4897



Achromatomaly

67.2225, -23.4565, 10.8627

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.8106, -50.0319, 24.8879 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(77, 225, 145)` looks like.

```
.text, #text, p{  
    color:rgb(77, 225, 145)  
}
```

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(77, 225, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 225, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 75.8106, -50.0319, 24.8879 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(77, 225, 145) }
```


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

```
.border{ border-color:rgb(77, 225, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 225, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 225, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 225, 145);  
box-shadow:4px 4px 4px 4px rgb(77, 225,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.8106, -50.0319, 24.8879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 225, 145) }
```

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

```
.background{ background-color: rgb(77, 225,  
145) }
```

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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