

Converting Colors

HunterLab(61.0931, -37.3278,
19.4366)

Have a look what the booklet for
HunterLab(61.0931, -37.3278,
19.4366) contains.

HunterLab(61.0931, -37.3278, 19.4366)	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(61.0931,
-37.3278, 19.4366)**

Conversions

Conversions Part 1

Format	Color
Hex	4FB879
RGB	79, 184, 121
RGB Percent	31%, 72%, 47%
CMY	0.6902, 0.2784, 0.5255
CMYK	0.57, 0.00, 0.34, 0.28
HSL	144°, 43%, 52%
HSV	144°, 57%, 72%
XYZ	23.8161, 37.3237, 24.0380
YIQ	145.4230, -42.3570, -41.8530

Conversions

Conversions Part 2

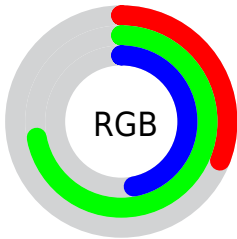
Format	Color
RYB	79, 154, 184
Decimal	5224569
CIELab	67.52, -44.78, 23.12
CIELCh	68, 50.394, 152.689
Yxy	37.3252, 0.2796, 0.4382
Android (android.graphics.Color)	4283414649 (0xFF4FB879)
YUV	145.4230, -12.0405, -58.2530
Hunter-Lab	61.0931, -37.3278, 19.4366

Details

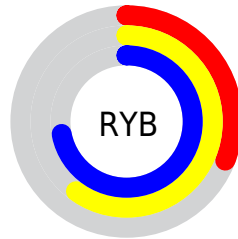
The HunterLab color **61.0931, -37.3278, 19.4366** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **42.1142, 42.6327, -9.3332**, and the grayscale version is **53.4417, -2.8515, 2.9036**.

A 20% lighter version of the original color is **84.3806, -43.4847, 23.0965**, and **40.5378, -30.6408, 15.4758** is the 20% darker color. If you saturate the color by 10%, you get **60.3215, -40.8947, 21.9651**, and if you desaturate by 10%, it is **62.0588, -33.0090, 16.7922**.

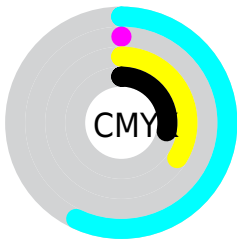
Distribution



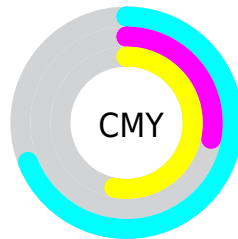
- Red (31%)
- Green (72%)
- Blue (47%)



- Red (31%)
- Yellow (60%)
- Blue (72%)



- Cyan (57%)
- Magenta (0%)
- Yellow (34%)
- Black (28%)



- Cyan (69%)
- Magenta (28%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.0931, -37.3278, 19.4366 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 61.0931, -37.3278, 19.4366 by changing the saturation by 10% instead.

■ 61.0931, -37.3278,
19.4366

■ 61.0931, -37.3278,
19.4366

182.9525,
-62.2486, 35.2814

■ 50.4573, -34.0965,
17.5180

■ 84.3046, -43.3855,
23.1189

■ 40.5211, -30.6782,
15.5225

■ 96.8107, -46.2613,
24.9059

■ 31.3394, -27.0140,
13.4220

■ 109.8805,
-49.0590, 26.6682

■ 22.9800, -23.0123,
11.1733

■ 123.4906,
-51.7916, 28.4119

■ 15.5337, -18.5603,
8.9829

137.6205,
-54.4693, 30.1416

■ 9.1244, -15.9677,
6.3871

152.2515,

0.0000, NaN, NaN

-57.1004, 31.8612

0.0000, NaN, NaN

167.3673,
-59.6916, 33.5736

0.0000, NaN, NaN

■ 61.0931, -37.3278,
19.4366

■ 61.0931, -37.3278,
19.4366

■ 60.3215, -40.8947,
21.9651

■ 62.0588, -33.0090,
16.7922

■ 59.7312, -43.7081,
24.3434

■ 63.2198, -27.9588,
14.0644

■ 59.3099, -45.7982,
26.5412

■ 64.5790, -22.2197,
11.2871

■ 59.0345, -47.2437,
28.5278

■ 66.1352, -15.8470,
8.4921

■ 58.9673, -47.6037,
29.0588

■ 67.8847, -8.9049,
5.7082

■ 69.8220, -1.4617,
2.9601

■ 71.9404, 6.4139,
0.2686

■ 74.2318, 14.6561,
-2.3501

■ 76.6880, 23.2038,
-4.8839

Harmonies

Analogous

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



61.0943, -25.0394, 28.9185



61.0931, -37.3278, 19.4366



61.0943, -40.9475, 1.3511

Triad

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



61.0943, -37.3286, 19.4371



61.0943, -1.2078, -54.1808



61.0943, 37.8572, 21.7283

Complementary

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



61.0931, -37.3278, 19.4366



42.1142, 42.6327, -9.3332

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.



61.0943, 46.5812, 5.2362



61.0931, -37.3278, 19.4366



61.0943, 22.0678, -42.7962

Square

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



61.0943, -37.3286, 19.4371



61.0943, -21.9800, -46.0927



61.0943, 40.4235, -18.8874



61.0943, 18.0193, 29.8629

Rectangle

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



61.0931, -37.3278, 19.4366



61.0943, -38.4600, -14.8995



61.0943, 40.4235, -18.8874



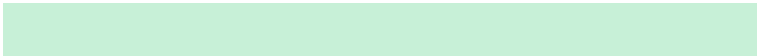
61.0943, 42.3074, 17.2385

Sweetspot

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



61.0943, -37.3286, 19.4371



88.9934, -21.5327, 11.5161



63.8388, -27.8041, 31.9800



41.1178, -10.8166, 5.6938



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



61.0943, -37.3286, 19.4371



81.0304, -55.9269, 30.2548



62.3809, -29.6512, 0.9419



31.8089, -4.9633, 2.9881



48.9657, -39.4348, 23.9255



9.2604, -6.9896, 3.5138

Inverse Universe

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



42.1142, 42.6327, -9.3332



51.7831, 68.4817, -13.0370



40.6727, 36.1847, 11.1846



30.1666, 1.7922, 0.4194



27.9630, 50.7347, -4.0022



5.3621, 9.9277, -2.3091

Previews

White Background



This preview shows how the HunterLab color 61.0931, -37.3278, 19.4366 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 61.0931, -37.3278, 19.4366 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 61.0931, -37.3278, 19.4366 Background



This preview shows how black text looks on a background with the HunterLab color 61.0931, -37.3278, 19.4366.



This preview shows how white text looks on a background with the HunterLab color 61.0931,

-37.3278, 19.4366.

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

61.0931, -37.3278, 19.4366

Protanopia

60.5899, -5.4155, 22.2400

Deuteranopia

60.5992, 4.0385, 17.7667



Tritanopia

61.1727, -19.6148, -9.8649

Trichromacy



Original Color

61.0931, -37.3278, 19.4366



Protanomaly

60.0220, -19.8598, 20.6157



Deuteranomaly

59.6675, -14.3775, 17.2359



Tritanomaly

61.0181, -26.8455, 2.5400

Monochromacy



Original Color

61.0931, -37.3278, 19.4366



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

55.3523, -17.1263, 8.8585

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.0931, -37.3278, 19.4366 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(79, 184, 121)` looks like.

```
.text, #text, p{  
    color:rgb(79, 184, 121)  
}
```

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(79, 184, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 184, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 61.0931, -37.3278, 19.4366 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(79, 184, 121) }
```


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

```
.border{ border-color:rgb(79, 184, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 184, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 184, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 184, 121);  
box-shadow:4px 4px 4px 4px rgb(79, 184,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.0931, -37.3278, 19.4366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 184, 121) }
```

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

```
.background{ background-color: rgb(79, 184,  
121) }
```

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