

Converting Colors

HunterLab(63.7049, -37.5661,
23.7807)

Have a look what the booklet for
HunterLab(63.7049, -37.5661,
23.7807) contains.

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Color

**HunterLab(63.7049,
-37.5661, 23.7807)**

Conversions

Conversions Part 1

Format	Color
Hex	61BE72
RGB	97, 190, 114
RGB Percent	38%, 75%, 45%
CMY	0.6196, 0.2549, 0.5529
CMYK	0.49, 0.00, 0.40, 0.25
HSL	131°, 42%, 56%
HSV	131°, 49%, 75%
XYZ	26.3804, 40.5831, 22.3625
YIQ	153.5290, -31.0320, -43.3520

Conversions

Conversions Part 2

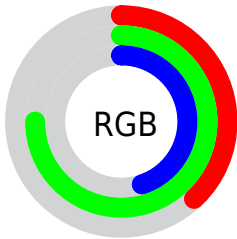
Format	Color
RYB	97, 176, 190
Decimal	6405746
CIELab	69.88, -44.04, 30.07
CIELCh	70, 53.325, 145.669
Yxy	40.5848, 0.2953, 0.4543
Android (android.graphics.Color)	4284595826 (0xFF61BE72)
YUV	153.5290, -19.4878, -49.5759
Hunter-Lab	63.7049, -37.5661, 23.7807

Details

The HunterLab color $63.7049, -37.5661, 23.7807$ is a dark color, and the websafe version is hex $66CC66$. A complement of this color would be $47.4493, 41.3095, -19.4411$, and the grayscale version is $56.7412, -3.0276, 3.0829$.

A 20% lighter version of the original color is $87.2261, -43.4234, 28.1378$, and $42.8976, -31.1398, 18.9761$ is the 20% darker color. If you saturate the color by 10%, you get $62.7208, -42.0756, 26.8770$, and if you desaturate by 10%, it is $64.9158, -32.1711, 20.2998$.

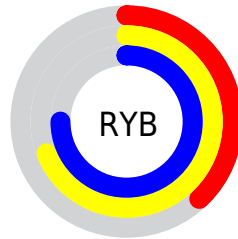
Distribution



Red (38%)

Green (75%)

Blue (45%)



Red (38%)

Yellow (69%)

Blue (75%)

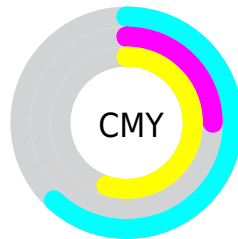


Cyan (49%)

Magenta (0%)

Yellow (40%)

Black (25%)



Cyan (62%)

Magenta (25%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.7049, -37.5661, 23.7807 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 63.7049, -37.5661, 23.7807 by changing the saturation by 10% instead.

■ 63.7049, -37.5661,
23.7807

■ 63.7049, -37.5661,
23.7807

186.7036,
-62.0248, 42.5838

■ 52.9101, -34.4196,
21.4349

■ 87.2085, -43.4855,
28.2386

■ 42.8039, -31.1010,
18.9796

■ 99.8501, -46.3029,
30.3812

■ 33.4384, -27.5579,
16.3808

■ 113.0496,
-49.0476, 32.4816

■ 24.8774, -23.7099,
13.5895

■ 126.7844,
-51.7315, 34.5478

■ 17.2054, -19.4262,
11.0298

141.0343,
-54.3641, 36.5863

■ 10.5405, -18.4459,
7.3784

155.7814,

0.0000, NaN, NaN

-56.9531, 38.6024

0.0000, NaN, NaN

171.0094,
-59.5049, 40.6004

0.0000, NaN, NaN

■ 63.7049, -37.5661,
23.7807

■ 63.7049, -37.5661,
23.7807

■ 62.7208, -42.0756,
26.8770

■ 64.9158, -32.1711,
20.2998

■ 61.9532, -45.6735,
29.5539

■ 66.3517, -25.9363,
16.4743

■ 61.3921, -48.3692,
31.7902

■ 68.0126, -18.9303,
12.3516

■ 61.0204, -50.2086,
33.5769

■ 69.8941, -11.2328,
7.9807

■ 60.8038, -51.3236,
34.9122

■ 71.9895, -2.9294,
3.4099

■ 60.7850, -51.4197,
35.0244

■ 74.2905, 5.8938,
-1.3154

■ 76.7874, 15.1544,
-6.1543

■ 79.4699, 24.7765,
-11.0713

■ 80.7638, 29.9562,
-18.3874

Harmonies

Analogous

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



63.7062, -22.3987, 31.9224



63.7049, -37.5661, 23.7807



63.7062, -43.6072, 6.7328

Triad

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



63.7062, -37.5671, 23.7812



63.7062, -6.8918, -58.6506



63.7062, 44.3976, 19.8679

Complementary

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



63.7049, -37.5661, 23.7807



47.4493, 41.3095, -19.4411

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.



63.7062, 50.1815, 0.0201



63.7049, -37.5661, 23.7807



63.7062, 18.1183, -50.9837

Square

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



63.7062, -37.5671, 23.7812



63.7062, -27.6624, -45.2165



63.7062, 39.9381, -27.0244



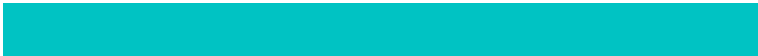
63.7062, 25.1372, 30.3291

Rectangle

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



63.7049, -37.5661, 23.7807



63.7062, -42.4254, -9.7372



63.7062, 39.9381, -27.0244



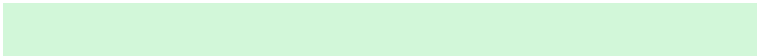
63.7062, 48.0948, 14.3384

Sweetspot

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



63.7062, -37.5671, 23.7812



92.4582, -21.7461, 14.4823



68.3726, -20.0806, 31.9722



43.0799, -11.2065, 7.3682



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.7062, -37.5671, 23.7812



84.3133, -57.1830, 36.5692



64.7095, -31.5841, 9.2659



32.6762, -5.4075, 3.8192



49.5743, -41.8746, 28.4318



9.8563, -8.0078, 4.9669

Inverse Universe

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



47.4493, 41.3095, -19.4411



58.6760, 68.2323, -31.5409



45.8865, 34.0939, 2.4838



31.0895, 2.1650, -0.3889



29.7817, 56.3417, -22.1473



5.9611, 11.3864, -5.2784

Previews

White Background



This preview shows how the HunterLab color 63.7049, -37.5661, 23.7807 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 63.7049, -37.5661, 23.7807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

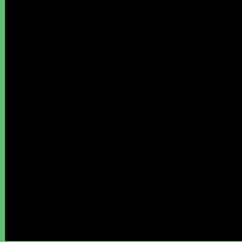
Any Text WCAG AA ✓ Pass

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 63.7049, -37.5661, 23.7807 Background



This preview shows how black text looks on a background with the HunterLab color 63.7049, -37.5661, 23.7807.



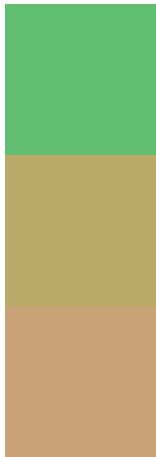
This preview shows how white text looks on a background with the HunterLab color 63.7049,

-37.5661, 23.7807.

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

63.7049, -37.5661, 23.7807

Protanopia

63.3280, -6.5792, 26.1410

Deuteranopia

63.0502, 4.7953, 22.2256



Tritanopia

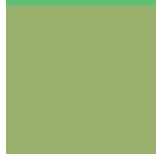
63.4789, -17.2415, -9.4093

Trichromacy



Original Color

63.7049, -37.5661, 23.7807



Protanomaly

62.7062, -19.7281, 24.6141



Deuteranomaly

62.2138, -13.2389, 21.7700



Tritanomaly

63.4708, -25.7759, 4.9591

Monochromacy



Original Color

63.7049, -37.5661, 23.7807



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

58.7265, -17.2038, 11.2254

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.7049, -37.5661, 23.7807 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(97, 190, 114)` looks like.

```
.text, #text, p{  
    color:rgb(97, 190, 114)  
}
```

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(97, 190, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 190, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 63.7049, -37.5661, 23.7807 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(97, 190, 114) }
```


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

```
.border{ border-color:rgb(97, 190, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 190, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 190, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 190, 114);  
box-shadow:4px 4px 4px 4px rgb(97, 190,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.7049, -37.5661, 23.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 190, 114) }
```

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

```
.background{ background-color: rgb(97, 190,  
114) }
```

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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