

Converting Colors

HunterLab(62.2634, -37.7510,
19.6229)

Have a look what the booklet for
HunterLab(62.2634, -37.7510,
19.6229) contains.

HunterLab(62.2814, -37.6626, 19.5653)	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(62.2814,
-37.6626, 19.5653)**

Conversions

Conversions Part 1

Format	Color
Hex	52BB7C
RGB	82, 187, 124
RGB Percent	32%, 73%, 49%
CMY	0.6784, 0.2667, 0.5137
CMYK	0.56, 0.00, 0.34, 0.27
HSL	144°, 44%, 53%
HSV	144°, 56%, 73%
XYZ	24.8881, 38.7897, 25.2442
YIQ	148.4230, -42.3570, -41.8530

Conversions

Conversions Part 2

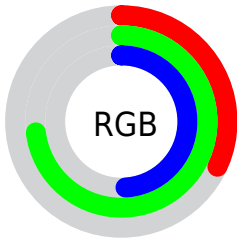
Format	Color
RYB	82, 157, 187
Decimal	5421948
CIELab	68.60, -44.77, 22.99
CIELCh	69, 50.330, 152.814
Yxy	38.7913, 0.2799, 0.4362
Android (android.graphics.Color)	4283612028 (0xFF52BB7C)
YUV	148.4230, -12.0405, -58.2530
Hunter-Lab	62.2814, -37.6626, 19.5653

Details

The HunterLab color **62.2814, -37.6626, 19.5653** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **43.1793, 42.7610, -9.4294**, and the grayscale version is **54.6495, -2.9160, 2.9692**.

A 20% lighter version of the original color is **85.6532, -43.7474, 23.2207**, and **41.6272, -31.0598, 15.6257** is the 20% darker color. If you saturate the color by 10%, you get **61.4786, -41.3639, 22.1542**, and if you desaturate by 10%, it is **63.2828, -33.1951, 16.8611**.

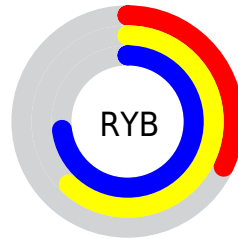
Distribution



Red (32%)

Green (73%)

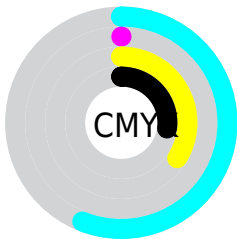
Blue (49%)



Red (32%)

Yellow (62%)

Blue (73%)

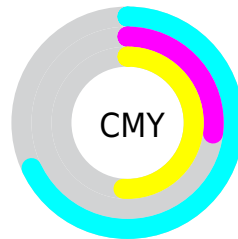


Cyan (56%)

Magenta (0%)

Yellow (34%)

Black (27%)



Cyan (68%)

Magenta (27%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.2814, -37.6626, 19.5653 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 62.2814, -37.6626, 19.5653 by changing the saturation by 10% instead.

■ 62.2814, -37.6626,
19.5653

■ 62.2814, -37.6626,
19.5653

184.6625,
-62.5148, 35.3364

■ 51.5727, -34.4492,
17.6618

■ 85.6267, -43.6945,
23.2240

■ 41.5585, -31.0540,
15.6844

■ 98.1949, -46.5608,
25.0014

■ 32.2924, -27.4205,
13.6067

■ 111.3241,
-49.3506, 26.7552

■ 23.8404, -23.4618,
11.3874

■ 124.9913,
-52.0765, 28.4913

■ 16.2901, -19.0357,
9.0941

139.1761,
-54.7485, 30.2141

■ 9.7659, -17.0903,
6.8361

153.8603,

0.0000, NaN, NaN

-57.3746, 31.9273

0.0000, NaN, NaN

169.0274,
-59.9616, 33.6340

0.0000, NaN, NaN

■ 62.2814, -37.6626,
19.5653

■ 62.2814, -37.6626,
19.5653

■ 61.4786, -41.3639,
22.1542

■ 63.2828, -33.1951,
16.8611

■ 60.8618, -44.2951,
24.5925

■ 64.4839, -27.9842,
14.0748

■ 60.4189, -46.4845,
26.8491

■ 65.8872, -22.0747,
11.2408

■ 60.1289, -47.9999,
28.8942

■ 67.4912, -15.5241,
8.3916

■ 60.0395, -48.4795,
29.6092

■ 69.2921, -8.3986,
5.5560

■ 71.2842, -0.7681,
2.7592

■ 73.4602, 7.2974,
0.0219

■ 75.8122, 15.7309,
-2.6399

■ 78.3313, 24.4707,
-5.2141

Harmonies

Analogous

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



62.2827, -25.3077, 29.2067



62.2814, -37.6626, 19.5653



62.2827, -41.2794, 1.3121

Triad

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



62.2827, -37.6634, 19.5658



62.2827, -1.1641, -54.1532



62.2827, 37.8753, 21.9906

Complementary

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



62.2814, -37.6626, 19.5653



43.1793, 42.7610, -9.4294

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.



62.2827, 46.6748, 5.3991



62.2814, -37.6626, 19.5653



62.2827, 22.2013, -42.7140

Square

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



62.2827, -37.6634, 19.5658



62.2827, -22.0825, -46.1590



62.2827, 40.5667, -18.7810



62.2827, 17.9504, 30.2123

Rectangle

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



62.2814, -37.6626, 19.5653



62.2827, -38.7434, -15.0033



62.2827, 40.5667, -18.7810



62.2827, 42.3521, 17.4655

Sweetspot

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



62.2827, -37.6634, 19.5658



90.0655, -21.8018, 11.6589



65.0627, -28.0361, 32.3258



42.0551, -11.0819, 5.8317



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



62.2827, -37.6634, 19.5658



82.0953, -56.1936, 30.2959



63.5779, -29.9411, 0.9485



32.7279, -5.1187, 3.0792



49.8492, -40.1563, 24.3789



9.9315, -7.5408, 3.8650

Inverse Universe

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



43.1793, 42.7610, -9.4294



52.7616, 68.4912, -13.2241



41.7286, 36.2408, 11.2167



31.0321, 1.8574, 0.4267



28.4657, 51.6419, -4.0366



5.7445, 10.6186, -2.3415

Previews

White Background



This preview shows how the HunterLab color 62.2814, -37.6626, 19.5653 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 62.2814, -37.6626, 19.5653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

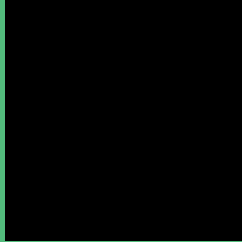
Any Text WCAG AA ✓ Pass

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 62.2814, -37.6626, 19.5653 Background



This preview shows how black text looks on a background with the HunterLab color 62.2814, -37.6626, 19.5653.



This preview shows how white text looks on a background with the HunterLab color 62.2814,

-37.6626, 19.5653.

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

62.2814, -37.6626, 19.5653

Protanopia

61.8171, -5.5185, 22.4382

Deuteranopia

61.5445, 4.4692, 17.6563



Tritanopia

62.0611, -19.3714, -10.2967

Trichromacy



Original Color

62.2814, -37.6626, 19.5653



Protanomaly

61.2449, -20.0119, 20.7960



Deuteranomaly

60.5861, -14.0414, 17.1019



Tritanomaly

61.8933, -26.6642, 2.1839

Monochromacy



Original Color

62.2814, -37.6626, 19.5653



Achromatopsia

54.4186, -2.9036, 2.9567



Achromatomaly

56.5596, -17.2627, 8.9442

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.2814, -37.6626, 19.5653 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(82, 187, 124)` looks like.

```
.text, #text, p{  
    color:rgb(82, 187, 124)  
}
```

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(82, 187, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 187, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 62.2814, -37.6626, 19.5653 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(82, 187, 124) }
```


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

```
.border{ border-color:rgb(82, 187, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 187, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 187, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 187, 124);  
box-shadow:4px 4px 4px 4px rgb(82, 187,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.2814, -37.6626, 19.5653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 187, 124) }
```

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

```
.background{ background-color: rgb(82, 187,  
124) }
```

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