

Converting Colors

HunterLab(63.8948, -33.6174,
27.2476)

Have a look what the booklet for
HunterLab(63.8948, -33.6174,
27.2476) contains.

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Color

**HunterLab(63.8968,
-33.7672, 27.3575)**

Conversions

Conversions Part 1

Format	Color
Hex	77BC65
RGB	119, 188, 101
RGB Percent	47%, 74%, 40%
CMY	0.5333, 0.2627, 0.6039
CMYK	0.37, 0.00, 0.46, 0.26
HSL	108°, 39%, 57%
HSV	108°, 46%, 74%
XYZ	27.9400, 40.8280, 18.7199
YIQ	157.4510, -13.1970, -41.6850

Conversions

Conversions Part 2

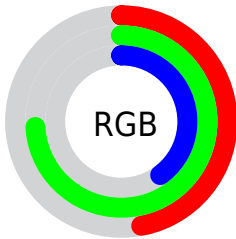
Format	Color
RYB	101, 188, 170
Decimal	7847013
CIELab	70.06, -38.47, 37.16
CIELCh	70, 53.490, 135.995
Yxy	40.8298, 0.3194, 0.4667
Android (android.graphics.Color)	4286037093 (0xFF77BC65)
YUV	157.4510, -27.8303, -33.7215
Hunter-Lab	63.8968, -33.7672, 27.3575

Details

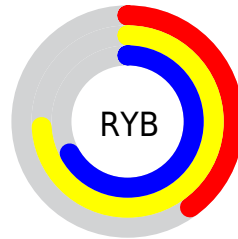
The HunterLab color $63.8968, -33.7672, 27.3575$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $46.3525, 35.6057, -31.6736$, and the grayscale version is $58.3645, -3.1142, 3.1711$.

A 20% lighter version of the original color is $87.5234, -39.2465, 32.8290$, and $42.9104, -28.0763, 21.6222$ is the 20% darker color. If you saturate the color by 10%, you get $62.8720, -38.3838, 30.5035$, and if you desaturate by 10%, it is $65.1003, -28.4331, 23.4905$.

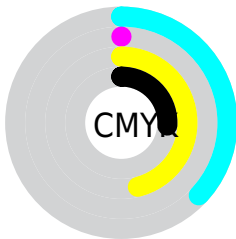
Distribution



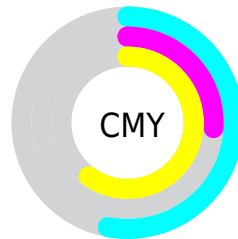
- Red (47%)
- Green (74%)
- Blue (40%)



- Red (40%)
- Yellow (74%)
- Blue (67%)



- Cyan (37%)
- Magenta (0%)
- Yellow (46%)
- Black (26%)



- Cyan (53%)
- Magenta (26%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.8968, -33.7672, 27.3575 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 63.8968, -33.7672, 27.3575 by changing the saturation by 10% instead.

■ 63.8968, -33.7672,
27.3575

■ 63.8968, -33.7672,
27.3575

186.9782,
-55.8316, 49.3042

■ 53.0906, -30.9724,
24.5506

■ 87.4216, -39.0547,
32.6479

■ 42.9721, -28.0362,
21.5975

■ 100.0730,
-41.5839, 35.1703

■ 33.5932, -24.9150,
18.4584

■ 113.2820,
-44.0552, 37.6304

■ 25.0178, -21.5407,
15.0804

■ 127.0258,
-46.4787, 40.0387

■ 17.3296, -17.8016,
12.1307

141.2844,
-48.8622, 42.4038

■ 10.6460, -16.6361,
7.4522

156.0399,

■ 0.7907, -1.3838,

-51.2122, 44.7328

0.5535

171.2761,
-53.5339, 47.0313

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.8968, -33.7672,
27.3575

■ 63.8968, -33.7672,
27.3575

■ 62.8720, -38.3838,
30.5035

■ 65.1003, -28.4331,
23.4905

■ 62.0195, -42.2523,
32.9243

■ 66.4782, -22.4193,
18.9215

■ 61.3360, -45.3660,
34.6397

■ 68.0298, -15.7789,
13.6854

■ 60.8133, -47.7392,
35.6956


■ 69.7512, -8.5706,
7.8263


■ 60.4391, -49.4168,


■ 71.6374, -0.8562,


36.1800


1.3946

 60.3302, -49.9046,
36.3015

 73.6824, 7.3024,
-5.5561

 75.8795, 15.8456,
-12.9717

 78.2215, 24.7173,
-20.7999

 80.0678, 30.6843,
-20.1823

Harmonies

Analogous

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



63.8982, -15.8291, 33.2193



63.8968, -33.7672, 27.3575



63.8982, -42.8480, 13.3607

Triad

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



63.8982, -33.7684, 27.3580



63.8982, -14.3716, -56.7172



63.8982, 48.2094, 14.5907

Complementary

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



63.8968, -33.7672, 27.3575



46.3525, 35.6057, -31.6736

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.



63.8982, 48.7563, -8.2885



63.8968, -33.7672, 27.3575



63.8982, 10.0304, -55.9886

Square

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



63.8982, -33.7684, 27.3580



63.8982, -32.8399, -37.6520



63.8982, 33.9406, -35.9274



63.8982, 32.5426, 27.9660

Rectangle

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



63.8968, -33.7672, 27.3575



63.8982, -43.6862, -1.3587



63.8982, 33.9406, -35.9274



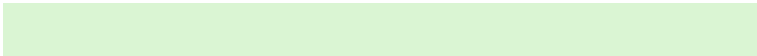
63.8982, 50.2392, 7.9642

Sweetspot

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



63.8982, -33.7684, 27.3580



92.0380, -19.3146, 16.8746



63.2966, -5.5651, 27.3725



42.4577, -9.8996, 8.5828



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.



63.8982, -33.7684, 27.3580



84.5581, -52.0362, 41.3018



63.4290, -34.7517, 20.1352



32.7752, -5.1371, 4.5910



49.8060, -41.0651, 29.9713



10.0003, -7.5254, 6.0304

Inverse Universe

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



46.3525, 35.6057, -31.6736



56.4897, 59.8702, -54.6437



47.5991, 36.8408, -13.3927



30.9741, 1.8765, -1.3096



26.1949, 54.2964, -56.2271



5.4254, 11.0759, -10.3295

Previews

White Background



This preview shows how the HunterLab color 63.8968, -33.7672, 27.3575 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 63.8968, -33.7672, 27.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

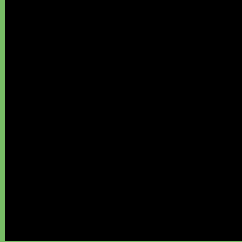
Any Text WCAG AA ✓ Pass

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 63.8968, -33.7672, 27.3575 Background



This preview shows how black text looks on a background with the HunterLab color 63.8968, -33.7672, 27.3575.



This preview shows how white text looks on a background with the HunterLab color 63.8968,

-33.7672, 27.3575.

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

63.8968, -33.7672, 27.3575

Protanopia

63.6528, -7.2923, 29.0105

Deuteranopia

63.5435, 4.5469, 26.2560



Tritanopia

63.8729, -12.7742, -7.1565

Trichromacy



Original Color

63.8968, -33.7672, 27.3575

Protanomaly

63.2366, -18.1347, 28.0452

Deuteranomaly

62.8678, -11.3310, 25.9365

Tritanomaly

63.7387, -21.8170, 8.3820

Monochromacy



Original Color

63.8968, -33.7672, 27.3575

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

59.7085, -15.2655, 13.0238

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.8968, -33.7672, 27.3575 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(119, 188, 101)` looks like.

```
.text, #text, p{  
    color:rgb(119, 188, 101)  
}
```

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(119, 188, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 188, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 63.8968, -33.7672, 27.3575 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(119, 188, 101) }
```


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

```
.border{ border-color:rgb(119, 188, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 188, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 188, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 188, 101);  
box-shadow:4px 4px 4px 4px rgb(119, 188,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.8968, -33.7672, 27.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 188, 101) }
```

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

```
.background{ background-color: rgb(119,  
188, 101) }
```

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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