

Converting Colors

HunterLab(56.8625, -37.6876,
33.0335)

Have a look what the booklet for
HunterLab(56.8625, -37.6876,
33.0335) contains.

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Color

**HunterLab(56.8447,
-37.6016, 33.0171)**

Conversions

Conversions Part 1

Format	Color
Hex	5DAD1F
RGB	93, 173, 31
RGB Percent	36%, 68%, 12%
CMY	0.6353, 0.3216, 0.8784
CMYK	0.46, 0.00, 0.82, 0.32
HSL	94°, 70%, 40%
HSV	94°, 82%, 68%
XYZ	19.7051, 32.3132, 6.4948
YIQ	132.8920, -2.0980, -61.1220

Conversions

Conversions Part 2

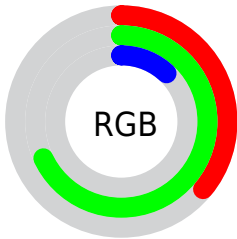
Format	Color
RYB	31, 173, 111
Decimal	6139167
CIELab	63.60, -47.18, 59.10
CIElCh	64, 75.622, 128.603
Yxy	32.3146, 0.3368, 0.5522
Android (android.graphics.Color)	4284329247 (0xFF5DAD1F)
YUV	132.8920, -50.2328, -34.9853
Hunter-Lab	56.8447, -37.6016, 33.0171

Details

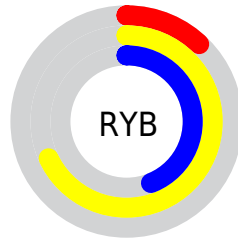
The HunterLab color **56.8447, -37.6016, 33.0171** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **27.1620, 48.3482, -68.7188**, and the grayscale version is **48.5818, -2.5922, 2.6395**.

A 20% lighter version of the original color is **79.5260, -44.0014, 41.1870**, and **37.0256, -29.8336, 22.2927** is the 20% darker color. If you saturate the color by 10%, you get **56.3648, -39.6993, 33.6106**, and if you desaturate by 10%, it is **57.4222, -35.0579, 31.8479**.

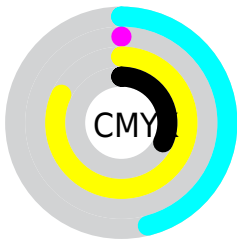
Distribution



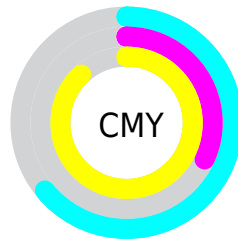
- Red (36%)
- Green (68%)
- Blue (12%)



- Red (12%)
- Yellow (68%)
- Blue (44%)



- Cyan (46%)
- Magenta (0%)
- Yellow (82%)
- Black (32%)



- Cyan (64%)
- Magenta (32%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.8447, -37.6016, 33.0171 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 56.8447, -37.6016, 33.0171 by changing the saturation by 10% instead.

■ 56.8447, -37.6016,
33.0171

■ 56.8447, -37.6016,
33.0171

176.7908,
-63.8506, 65.7778

■ 46.4778, -34.1421,
28.6118

■ 79.5638, -44.0430,
41.2036

■ 36.8303, -30.4591,
23.9571

■ 91.8419, -47.0840,
45.0428

■ 27.9616, -26.4794,
19.5731

■ 104.6938,
-50.0339, 48.7452

■ 19.9475, -22.0864,
13.9633

■ 118.0948,
-52.9078, 52.3300

■ 12.8913, -18.6904,
9.0239

■ 132.0233,
-55.7176, 55.8133

■ 6.3148, -11.0509,
4.4204

■ 146.4601,

0.0000, NaN, NaN

-58.4730, 59.2085

0.0000, NaN, NaN

161.3878,
-61.1818, 62.5268

0.0000, NaN, NaN

■ 56.8447, -37.6016,
33.0171

■ 56.8447, -37.6016,
33.0171

■ 56.3648, -39.6993,
33.6106

■ 57.4222, -35.0579,
31.8479

■ 56.0409, -41.0966,
33.8127

■ 58.0986, -32.0489,
30.0408

■ 58.8785, -28.5727,
27.5585

■ 59.7639, -24.6357,
24.3816

■ 60.7555, -20.2525,
20.5057

■ 61.8531, -15.4436,
15.9390

■ 63.0557, -10.2343,
10.6997

■ 64.3614, -4.6528,
4.8135

■ 65.7682, 1.2708,
-1.6878

Harmonies

Analogous

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



56.8459, -12.2644, 36.3308



56.8447, -37.6016, 33.0171



56.8459, -51.0593, 21.0745

Triad

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



56.8459, -37.6027, 33.0174



56.8459, -24.4802, -87.3173



56.8459, 74.7535, 11.4413

Complementary

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



56.8447, -37.6016, 33.0171



27.1620, 48.3482, -68.7188

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.



56.8459, 69.3551, -23.7834



56.8447, -37.6016, 33.0171



56.8459, 6.8210, -95.4956

Square

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



56.8459, -37.6027, 33.0174



56.8459, -44.7800, -49.2565



56.8459, 42.4727, -67.6549



56.8459, 55.8746, 29.4220

Rectangle

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



56.8447, -37.6016, 33.0171



56.8459, -53.7715, 4.5532



56.8459, 42.4727, -67.6549



56.8459, 75.7918, 1.5956

Sweetspot

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



56.8459, -37.6027, 33.0174



82.2649, -22.8907, 23.4851



44.6579, 13.6275, 26.0349



38.1180, -11.6884, 11.9138



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



56.8459, -37.6027, 33.0174



75.0161, -54.8999, 45.1616



55.0641, -44.9456, 31.1592



30.1728, -4.1509, 4.3453



48.0665, -35.0826, 29.0042



8.2187, -5.0257, 4.9763

Inverse Universe

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



27.1620, 48.3482, -68.7188



31.8127, 70.6782, -111.1219



35.5170, 61.4719, -37.1849



28.2337, 1.1333, -1.3832



20.3394, 45.7292, -71.3322



3.8301, 8.1691, -10.0044

Previews

White Background



This preview shows how the HunterLab color 56.8447, -37.6016, 33.0171 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 56.8447, -37.6016, 33.0171 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 56.8447, -37.6016, 33.0171 Background



This preview shows how black text looks on a background with the HunterLab color 56.8447, -37.6016, 33.0171.



This preview shows how white text looks on a background with the HunterLab color 56.8447,

-37.6016, 33.0171.

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

56.8447, -37.6016, 33.0171

Protanopia

56.5300, -8.1294, 33.6662

Deuteranopia

56.2624, 4.1972, 32.0182



Tritanopia

56.6773, -13.1299, -7.1960

Trichromacy



Original Color

56.8447, -37.6016, 33.0171

Protanomaly

56.0475, -20.7493, 33.0108

Deuteranomaly

55.3811, -13.6578, 31.6406

Tritanomaly

56.0175, -25.0219, 14.5917

Monochromacy



Original Color

56.8447, -37.6016, 33.0171

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

50.8683, -18.2333, 18.1272

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.8447, -37.6016, 33.0171 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(93, 173, 31)` looks like.

```
.text, #text, p{  
    color:rgb(93, 173, 31)  
}
```

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(93, 173, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 173, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 56.8447, -37.6016, 33.0171 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(93, 173, 31) }
```


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

```
.border{ border-color:rgb(93, 173, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 173, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 173, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 173, 31);  
box-shadow:4px 4px 4px 4px rgb(93, 173,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.8447, -37.6016, 33.0171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 173, 31) }
```

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

```
.background{ background-color: rgb(93, 173,  
31) }
```

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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