

Converting Colors

HunterLab(55.1256, -39.8967,
37.5035)

Have a look what the booklet for
HunterLab(55.1256, -39.8967,
37.5035) contains.

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Color

**HunterLab(55.4327,
-38.3610, 33.4858)**

Conversions

Conversions Part 1

Format	Color
Hex	56AA00
RGB	86, 170, 0
RGB Percent	34%, 67%, 0%
CMY	0.6627, 0.3333, 0.9999
CMYK	0.49, 0.00, 1.00, 0.33
HSL	90°, 100%, 33%
HSV	90°, 100%, 67%
XYZ	18.2124, 30.7278, 4.9712
YIQ	125.5040, 4.5060, -70.6780

Conversions

Conversions Part 2

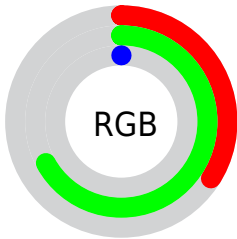
Format	Color
RYB	0, 170, 84
Decimal	5679616
CIELab	62.28, -49.15, 63.48
CIELCh	62, 80.279, 127.748
Yxy	30.7292, 0.3378, 0.5700
Android (android.graphics.Color)	4283869696 (0xFF56AA00)
YUV	125.5040, -61.8735, -34.6450
Hunter-Lab	55.4327, -38.3610, 33.4858

Details

The HunterLab color **55.4327, -38.3610, 33.4858** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **21.8826, 50.7338, -88.6737**, and the grayscale version is **45.7173, -2.4394, 2.4839**.

A 20% lighter version of the original color is **77.9849, -45.0684, 42.3394**, and **35.8228, -29.9277, 21.5499** is the 20% darker color. If you saturate the color by 10%, you get **55.4335, -38.3636, 33.4863**, and if you desaturate by 10%, it is **55.8499, -36.5841, 33.2103**.

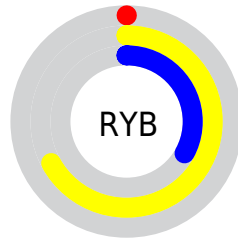
Distribution



Red (34%)

Green (67%)

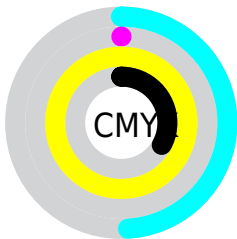
Blue (0%)



Red (0%)

Yellow (67%)

Blue (33%)

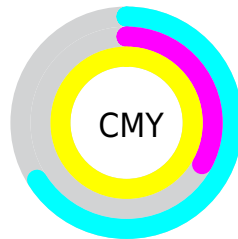


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (66%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.4327, -38.3610, 33.4858 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 55.4327, -38.3610, 33.4858 by changing the saturation by 10% instead.

■ 55.4327, -38.3610,
33.4858

■ 55.4327, -38.3610,
33.4858

174.7251,
-65.5978, 68.5293

■ 45.1583, -34.7413,
28.7587

■ 77.9830, -45.0779,
42.2748

■ 35.6101, -30.8769,
23.8310

■ 90.1831, -48.2402,
46.3920

■ 26.8498, -26.6865,
18.7949

■ 102.9605,
-51.3031, 50.3578

■ 18.9558, -22.0406,
13.2691

■ 116.2902,
-54.2830, 54.1925

■ 12.0363, -19.6958,
8.4254

■ 130.1500,
-57.1928, 57.9136

■ 5.0222, -8.7889,
3.5155

■ 144.5205,

0.0000, NaN, NaN

-60.0432, 61.5355

0.0000, NaN, NaN

159.3842,
-62.8425, 65.0706

0.0000, NaN, NaN

■ 55.4327, -38.3610,
33.4858

■ 55.4327, -38.3610,
33.4858

■ 55.4335, -38.3636,
33.4863

■ 55.8499, -36.5841,
33.2103

■ 56.3366, -34.4751,
32.5168

■ 56.9057, -31.9739,
31.2400

■ 57.5614, -29.0668,
29.3243

■ 58.3065, -25.7503,
26.7344

■ 59.1428, -22.0288,
23.4516

■ 60.0711, -17.9132,
19.4704

■ 61.0913, -13.4193,
14.7968

■ 62.2028, -8.5668,
9.4455

Harmonies

Analogous

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



55.4339, -11.7239, 36.3263



55.4327, -38.3610, 33.4858



55.4339, -52.4145, 22.1618

Triad

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



55.4339, -38.3621, 33.4860



55.4339, -26.1603, -94.5956



55.4339, 80.4716, 10.9548

Complementary

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



55.4327, -38.3610, 33.4858



21.8826, 50.7338, -88.6737

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.



55.4339, 73.8568, -27.0211



55.4327, -38.3610, 33.4858



55.4339, 6.3829, -104.8811

Square

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



55.4339, -38.3621, 33.4860



55.4339, -46.6818, -52.0406



55.4339, 44.4126, -74.9498



55.4339, 60.7328, 29.6036

Rectangle

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



55.4327, -38.3610, 33.4858



55.4339, -55.3558, 5.4686



55.4339, 44.4126, -74.9498



55.4339, 81.3297, 0.4489

Sweetspot

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



55.4339, -38.3621, 33.4860



80.8413, -24.4488, 26.5472



38.2200, 24.6954, 23.9826



37.9283, -12.6420, 13.6173



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.



55.4339, -38.3621, 33.4860



74.5801, -52.0328, 45.0450



53.6369, -45.9053, 32.2466



29.3039, -3.8617, 4.2527



47.5780, -32.7591, 28.7439



7.6232, -4.2920, 4.6222

Inverse Universe

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



21.8826, 50.7338, -88.6737



29.2531, 68.0974, -120.6350



33.3718, 65.8446, -45.8530



27.3418, 0.9301, -1.3908



18.8544, 43.6118, -75.5907



3.4205, 7.3763, -9.5613

Previews

White Background



This preview shows how the HunterLab color 55.4327, -38.3610, 33.4858 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 55.4327, -38.3610, 33.4858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

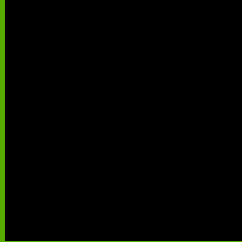
Any Text WCAG AA ✓ Pass

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 55.4327, -38.3610, 33.4858 Background



This preview shows how black text looks on a background with the HunterLab color 55.4327, -38.3610, 33.4858.



This preview shows how white text looks on a background with the HunterLab color 55.4327,

-38.3610, 33.4858.

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

55.4327, -38.3610, 33.4858

Protanopia

54.9979, -7.7442, 33.7539

Deuteranopia

54.9170, 3.7316, 32.1882



Tritanopia

55.3011, -13.6232, -7.4693

Trichromacy



Original Color

55.4327, -38.3610, 33.4858

Protanomaly

54.4086, -20.7278, 33.1634

Deuteranomaly

53.9386, -14.5203, 32.1481

Tritanomaly

54.4556, -26.6706, 17.3359

Monochromacy



Original Color

55.4327, -38.3610, 33.4858

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

48.2749, -19.1210, 20.0909

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.4327, -38.3610, 33.4858 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(86, 170, 0)` looks like.

```
.text, #text, p{  
    color:rgb(86, 170, 0)  
}
```

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(86, 170, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 170, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 55.4327, -38.3610, 33.4858 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(86, 170, 0) }
```


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

```
.border{ border-color:rgb(86, 170, 0) }
```

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

Here you see how a box with a 4 pixel rgb(86, 170, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 170, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 170, 0);  
box-shadow:4px 4px 4px 4px rgb(86, 170, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 55.4327, -38.3610, 33.4858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 170, 0) }
```

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

```
.background{ background-color: rgb(86, 170,  
0) }
```

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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