

Converting Colors

HunterLab(54.4935, -5.3638,
33.4847)

Have a look what the booklet for
HunterLab(54.4935, -5.3638,
33.4847) contains.

HunterLab(54.4409, -5.2788, 33.4538)	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(54.4409, -5.2788,
33.4538)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9300
RGB	172, 147, 0
RGB Percent	67%, 58%, 0%
CMY	0.3255, 0.4235, 1.0000
CMYK	0.00, 0.15, 1.00, 0.33
HSL	51°, 100%, 34%
HSV	51°, 100%, 67%
XYZ	27.4470, 29.6381, 4.2741
YIQ	137.7170, 62.0870, -40.4170

Conversions

Conversions Part 2

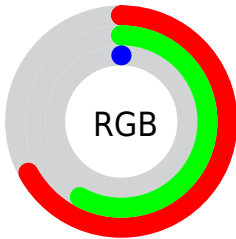
Format	Color
R_{YB}	29, 172, 0
Decimal	11309824
CIE Lab	61.34, -2.88, 65.37
CIE LCh	61, 65.437, 92.523
Yxy	29.6396, 0.4473, 0.4830
Android (android.graphics.Color)	4289499904 (0xFFAC9300)
YUV	137.7170, -67.8945, 30.0662
Hunter-Lab	54.4409, -5.2788, 33.4538

Details

The HunterLab color **54.4409, -5.2788, 33.4538** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **19.1681, 39.0386, -108.2293**, and the grayscale version is **50.5464, -2.6970, 2.7463**.

A 20% lighter version of the original color is **76.9611, -7.0911, 42.5757**, and **34.9202, -3.1191, 21.4631** is the 20% darker color. If you saturate the color by 10%, you get **54.4417, -5.2804, 33.4543**, and if you desaturate by 10%, it is **55.1966, -6.2279, 33.3238**.

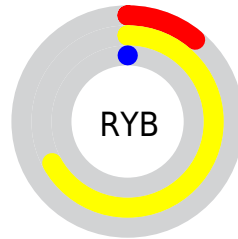
Distribution



Red (67%)

Green (58%)

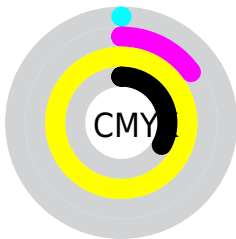
Blue (0%)



Red (11%)

Yellow (67%)

Blue (0%)

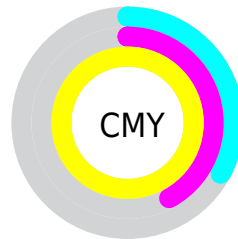


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.4409, -5.2788, 33.4538 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 54.4409, -5.2788, 33.4538 by changing the saturation by 10% instead.

■ 54.4409, -5.2788,
33.4538

■ 54.4409, -5.2788,
33.4538

173.2688,
-12.7617, 69.5389

■ 44.2325, -4.5742,
28.5805

■ 76.8711, -6.7730,
42.5192

■ 34.7554, -3.8937,
23.6244

■ 89.0158, -7.5571,
46.7639

■ 26.0725, -3.2392,
18.2507

■ 101.7403, -8.3660,
50.8502

■ 18.2645, -2.6093,
12.7852

■ 115.0192, -9.1990,
54.7990

■ 11.4435, -2.0001,
8.0104

■ 128.8303,
-10.0555, 58.6283

■ 3.8544, -3.4618,
2.6981

■ 143.1537,

0.0000, NaN, NaN

-10.9352, 62.3532

0.0000, NaN, NaN

157.9719,
-11.8374, 65.9864

0.0000, NaN, NaN

54.4409, -5.2788,
33.4538

54.4409, -5.2788,
33.4538

54.4417, -5.2804,
33.4543

55.1966, -6.2279,
33.3238

55.9877, -6.9978,
32.7410

56.8268, -7.5277,
31.5426

57.7174, -7.7960,
29.6765

58.6620, -7.7879,
27.1100

■ 59.6621, -7.4946,
23.8249

■ 60.7188, -6.9113,
19.8142

■ 61.8324, -6.0371,
15.0801

■ 63.0030, -4.8738,
9.6319

Harmonies

Analogous

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



54.4422, 24.5299, 31.7829



54.4409, -5.2788, 33.4538



54.4422, -29.1729, 31.0287

Triad

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



54.4422, -5.2811, 33.4542



54.4422, -41.5979, -32.8387



54.4422, 54.2393, -26.7233

Complementary

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



54.4409, -5.2788, 33.4538



19.1681, 39.0386, -108.2293

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.



54.4422, 29.5293, -61.2049



54.4409, -5.2788, 33.4538



54.4422, -25.7997, -65.8264

Square

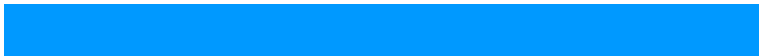
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.4422, -5.2811, 33.4542



54.4422, -47.2873, 0.6366



54.4422, -0.4932, -78.2102



54.4422, 62.7833, 5.1919

Rectangle

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



54.4409, -5.2788, 33.4538



54.4422, -39.6977, 25.9810



54.4422, -0.4932, -78.2102



54.4422, 47.3300, -38.8538

Sweetspot

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



54.4422, -5.2811, 33.4542



81.7032, -9.3618, 27.0074



29.7399, 51.1760, 17.2952



37.8146, -4.5314, 13.6606



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.



54.4422, -5.2811, 33.4542



73.1558, -6.8333, 44.9586



57.3905, -33.8437, 34.7709



30.2139, -2.2912, 4.4225



47.0301, -4.6616, 28.8981



8.1755, -1.3028, 5.0149

Inverse Universe

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



19.1681, 39.0386, -108.2293



25.4359, 54.0292, -148.4262



19.8644, 49.0088, -103.3941



28.1746, -0.7164, -1.4913



16.6889, 33.1042, -92.3222



3.6615, 2.8724, -10.7772

Previews

White Background



This preview shows how the HunterLab color 54.4409, -5.2788, 33.4538 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 54.4409, -5.2788, 33.4538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

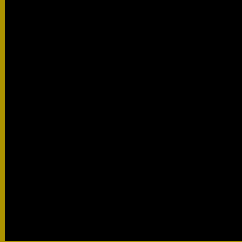
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 54.4409, -5.2788, 33.4538 Background



This preview shows how black text looks on a background with the HunterLab color 54.4409, -5.2788, 33.4538.

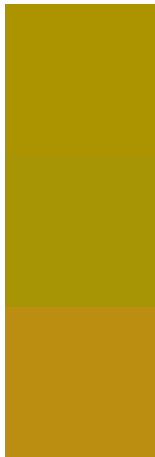


This preview shows how white text looks on a background with the HunterLab color 54.4409, -5.2788, 33.4538.

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

54.4409, -5.2788, 33.4538

Protanopia

54.5173, -7.9477, 33.2980

Deuteranopia

54.4564, 3.4287, 33.0384



Tritanopia

54.4988, 12.8250, 3.7759

Trichromacy



Original Color

54.4409, -5.2788, 33.4538

Protanomaly

54.4255, -6.7958, 33.3239

Deuteranomaly

54.4189, 0.4617, 33.1958

Tritanomaly

54.0417, 3.4495, 21.7425

Monochromacy



Original Color

54.4409, -5.2788, 33.4538

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

51.2234, -6.4812, 20.7637

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.4409, -5.2788, 33.4538 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(172, 147, 0)` looks like.

```
.text, #text, p{  
    color:rgb(172, 147, 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(172, 147, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 147, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 54.4409, -5.2788, 33.4538 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(172, 147, 0) }
```


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

```
.border{ border-color:rgb(172, 147, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 147, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 147, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 147, 0);  
box-shadow:4px 4px 4px 4px rgb(172, 147,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.4409, -5.2788, 33.4538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 147, 0) }
```

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

```
.background{ background-color: rgb(172,  
147, 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](#).

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