

Converting Colors

HunterLab(56.6068, -44.3844,
34.0866)

Have a look what the booklet for
HunterLab(56.6068, -44.3844,
34.0866) contains.

HunterLab(56.5265, -44.3677, 34.0245)	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(56.5265,
-44.3677, 34.0245)

Conversions

Conversions Part 1	
Format	Color
Hex	3AB001
RGB	58, 176, 1
RGB Percent	23%, 69%, 0%
CMY	0.7725, 0.3098, 0.9960
CMYK	0.67, 0.00, 0.99, 0.31
HSL	100°, 99%, 35%
HSV	100°, 99%, 69%
XYZ	17.2758, 31.9525, 5.2856
YIQ	120.7680, -14.1530, -79.4410

Conversions

Conversions Part 2

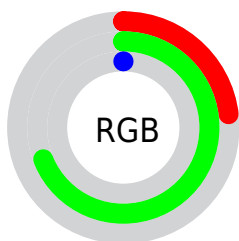
Format	Color
RYB	1, 176, 119
Decimal	3846145
CIELab	63.30, -58.60, 63.77
CIELCh	63, 86.605, 132.580
Yxy	31.9538, 0.3169, 0.5861
Android (android.graphics.Color)	4282036225 (0xFF3AB001)
YUV	120.7680, -59.0456, -55.0475
Hunter-Lab	56.5265, -44.3677, 34.0245

Details

The HunterLab color **56.5265, -44.3677, 34.0245** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **26.6087, 57.1353, -74.1302**, and the grayscale version is **43.8642, -2.3405, 2.3832**.

A 20% lighter version of the original color is **79.3330, -52.2760, 42.8594**, and **37.3083, -31.9918, 22.4291** is the 20% darker color. If you saturate the color by 10%, you get **56.5076, -44.4570, 34.0415**, and if you desaturate by 10%, it is **56.9166, -42.6616, 33.7008**.

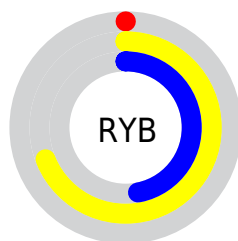
Distribution



Red (23%)

Green (69%)

Blue (0%)



Red (0%)

Yellow (69%)

Blue (47%)

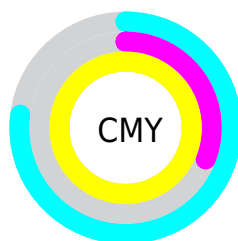


Cyan (67%)

Magenta (0%)

Yellow (99%)

Black (31%)



Cyan (77%)


Magenta (31%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.5265, -44.3677, 34.0245 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 56.5265, -44.3677, 34.0245 by changing the saturation by 10% instead.


 56.5265, -44.3677,
34.0245


 56.5265, -44.3677,
34.0245


176.3260,
-75.8500, 69.0899


 46.1803, -40.1204,
29.3032


 79.2077, -52.2108,
42.8086

 36.5550, -35.5733,
24.3533


 91.4684, -55.8855,
46.9265


 27.7106, -30.6318,
19.3974


 104.3036,
-59.4335, 50.8943

 19.7233, -25.1504,
13.8063

 117.6886,
-62.8748, 54.7323

 12.6975, -22.2206,
8.8883

 131.6017,
-66.2254, 58.4577

 6.0485, -10.5849,
4.2340

 146.0236,

0.0000, NaN, NaN

-69.4981, 62.0846

0.0000, NaN, NaN

160.9370,
-72.7034, 65.6252

0.0000, NaN, NaN

56.5265, -44.3677,
34.0245

56.5265, -44.3677,
34.0245

56.5076, -44.4570,
34.0415

56.9166, -42.6616,
33.7008

57.4133, -40.4541,
32.9279

58.0307, -37.6860,
31.5555

58.7746, -34.3444,
29.5305

59.6485, -30.4319,
26.8238

■ 60.6543, -25.9636,
23.4257

■ 61.7922, -20.9648,
19.3424

■ 63.0613, -15.4683,
14.5930

■ 64.4593, -9.5119,
9.2062

Harmonies

Analogous

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



56.5277, -18.0354, 37.5382



56.5265, -44.3677, 34.0245



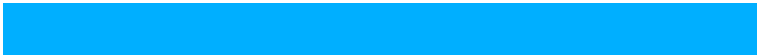
56.5277, -57.1117, 20.1488

Triad

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



56.5277, -44.3686, 34.0247



56.5277, -23.2287, -111.1234



56.5277, 87.1669, 16.1919

Complementary

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



56.5265, -44.3677, 34.0245



26.6087, 57.1353, -74.1302

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.



56.5277, 84.6991, -21.8678



56.5265, -44.3677, 34.0245



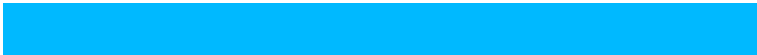
56.5277, 13.7491, -115.0586

Square

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



56.5277, -44.3686, 34.0247



56.5277, -47.3031, -66.8205



56.5277, 55.2400, -75.4976



56.5277, 61.2912, 32.7600

Rectangle

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



56.5265, -44.3677, 34.0245



56.5277, -58.9634, -0.1339



56.5277, 55.2400, -75.4976



56.5277, 89.7865, 6.1099

Sweetspot

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



56.5277, -44.3686, 34.0247



83.0377, -29.0098, 26.6997



47.0246, 10.1407, 29.1170



38.3568, -14.8176, 13.5139



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



56.5277, -44.3686, 34.0247



76.0269, -60.1725, 45.7940



55.8151, -47.2257, 32.2485



31.0161, -4.5488, 4.4039



48.4315, -37.9554, 29.1788



8.7773, -5.9576, 5.3043

Inverse Universe

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



26.6087, 57.1353, -74.1302



35.5394, 76.8584, -101.0351



33.6959, 63.7734, -26.5744



29.1638, 1.4515, -1.3303



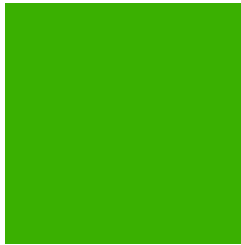
22.7902, 49.1203, -63.4999



4.3972, 9.1760, -9.9155

Previews

White Background



This preview shows how the HunterLab color 56.5265, -44.3677, 34.0245 looks on a white background.

Color Contrast Check

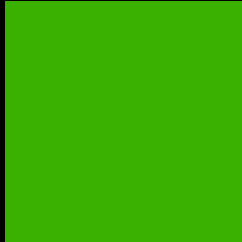
Large Text (above 18pt) WCAG AA × Fail

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 56.5265, -44.3677, 34.0245 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 56.5265, -44.3677, 34.0245 Background



This preview shows how black text looks on a background with the HunterLab color 56.5265, -44.3677, 34.0245.



This preview shows how white text looks on a background with the HunterLab color 56.5265, -44.3677, 34.0245.

-44.3677, 34.0245.

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

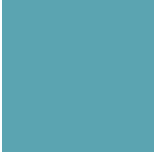
56.5265, -44.3677, 34.0245

Protanopia

56.1722, -8.0395, 34.4723

Deuteranopia

55.8180, 3.9894, 32.6055



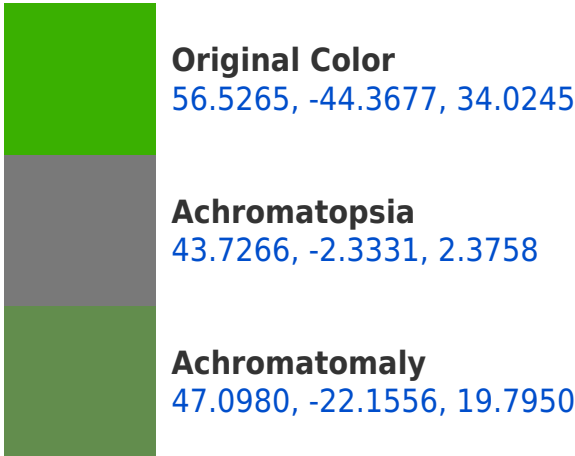
Tritanopia

56.5238, -18.3076, -9.1214

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.5265, -44.3677, 34.0245 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(58, 176, 1)` looks like.

```
.text, #text, p{  
    color:rgb(58, 176, 1)  
}
```

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(58, 176, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 176, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 56.5265, -44.3677, 34.0245 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(58, 176, 1) }
```


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

```
.border{ border-color:rgb(58, 176, 1) }
```

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

Here you see how a box with a 4 pixel rgb(58, 176, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 176, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 176, 1);  
box-shadow:4px 4px 4px 4px rgb(58, 176, 1)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 56.5265, -44.3677, 34.0245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(58, 176, 1) }
```

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

```
.background{ background-color:rgb(58, 176,  
1) }
```

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