

Converting Colors

HunterLab(56.8351, -34.1162,
34.4242)

Have a look what the booklet for
HunterLab(56.8351, -34.1162,
34.4242) contains.

HunterLab(56.9008, -34.1078, 34.4649)	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(56.9008,
-34.1078, 34.4649)**

Conversions

Conversions Part 1

Format	Color
Hex	6DAB00
RGB	109, 171, 0
RGB Percent	43%, 67%, 0%
CMY	0.5726, 0.3294, 0.9999
CMYK	0.36, 0.00, 1.00, 0.33
HSL	82°, 100%, 34%
HSV	82°, 100%, 67%
XYZ	20.8696, 32.3770, 5.1494
YIQ	132.9680, 17.9390, -66.3250

Conversions

Conversions Part 2

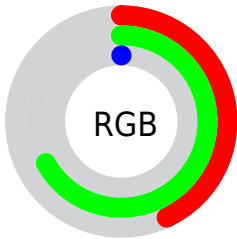
Format	Color
RYB	0, 171, 62
Decimal	7187200
CIELab	63.65, -41.69, 65.01
CIELCh	64, 77.226, 122.673
Yxy	32.3784, 0.3574, 0.5544
Android (android.graphics.Color)	4285377280 (0xFF6DAB00)
YUV	132.9680, -65.5532, -21.0199
Hunter-Lab	56.9008, -34.1078, 34.4649

Details

The HunterLab color **56.9008, -34.1078, 34.4649** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **19.9137, 48.8637, -101.5909**, and the grayscale version is **48.6652, -2.5967, 2.6441**.

A 20% lighter version of the original color is **79.7202, -39.9498, 43.4732**, and **36.9959, -26.6523, 22.3301** is the 20% darker color. If you saturate the color by 10%, you get **56.9017, -34.1106, 34.4654**, and if you desaturate by 10%, it is **57.2944, -32.4650, 34.1825**.

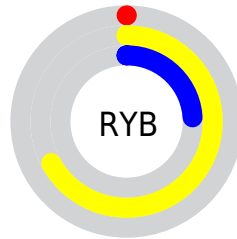
Distribution



Red (43%)

Green (67%)

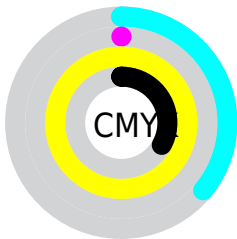
Blue (0%)



Red (0%)

Yellow (67%)

Blue (24%)

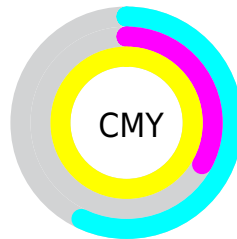


Cyan (36%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (57%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.9008, -34.1078, 34.4649 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 56.9008, -34.1078, 34.4649 by changing the saturation by 10% instead.

■ 56.9008, -34.1078,
34.4649

■ 56.9008, -34.1078,
34.4649

176.8727,
-57.9001, 70.0896

■ 46.5303, -31.0159,
29.6719

■ 79.6266, -39.8940,
43.3888

■ 36.8788, -27.7357,
24.6619

■ 91.9078, -42.6381,
47.5733

■ 28.0059, -24.2045,
19.6042

■ 104.7626,
-45.3073, 51.6054

■ 19.9871, -20.3205,
13.9910

■ 118.1664,
-47.9146, 55.5054

■ 12.9255, -16.8329,
9.0478

■ 132.0976,
-50.4701, 59.2904

■ 6.3606, -11.1310,
4.4524

■ 146.5370,

0.0000, NaN, NaN

-52.9819, 62.9749

0.0000, NaN, NaN

161.4673,
-55.4568, 66.5711

0.0000, NaN, NaN

■ 56.9008, -34.1078,
34.4649

■ 56.9008, -34.1078,
34.4649

■ 56.9017, -34.1106,
34.4654

■ 57.2944, -32.4650,
34.1825

■ 57.7391, -30.5665,
33.4725

■ 58.2473, -28.3519,
32.1699

■ 58.8234, -25.8037,
30.2152

■ 59.4703, -22.9128,
27.5680

■ 60.1903, -19.6768,
24.2032

■ 60.9846, -16.0986,
20.1080

■ 61.8539, -12.1855,
15.2801

■ 62.7984, -7.9483,
9.7264

Harmonies

Analogous

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



56.9020, -6.0459, 36.7385



56.9008, -34.1078, 34.4649



56.9020, -50.1180, 24.8332

Triad

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



56.9020, -34.1091, 34.4652



56.9020, -29.9622, -84.0379



56.9020, 77.7480, 5.9126

Complementary

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



56.9008, -34.1078, 34.4649



19.9137, 48.8637, -101.5909

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.



56.9020, 67.1687, -33.3252



56.9008, -34.1078, 34.4649



56.9020, 0.0313, -100.0838

Square

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



56.9020, -34.1091, 34.4652



56.9020, -48.1469, -41.5394



56.9020, 36.5712, -77.6513



56.9020, 62.8326, 27.4232

Rectangle

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



56.9008, -34.1078, 34.4649



56.9020, -54.3079, 10.4467



56.9020, 36.5712, -77.6513



56.9020, 77.0575, -5.3854

Sweetspot

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



56.9020, -34.1091, 34.4652



81.5515, -21.8137, 27.2299



34.4610, 35.0222, 21.8471



38.3011, -11.2481, 13.9642



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.



56.9020, -34.1091, 34.4652



76.0664, -45.9752, 46.0669



54.1687, -45.4283, 32.5827



30.3031, -3.6876, 4.4947



49.4344, -29.4916, 29.9449



8.4218, -4.2170, 5.1157

Inverse Universe

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



19.9137, 48.8637, -101.5909



26.4404, 65.1954, -137.2963



29.9881, 61.1575, -56.6290



28.0950, 0.6628, -1.5696



17.3675, 42.5045, -87.7077



3.3965, 7.6320, -11.8777

Previews

White Background



This preview shows how the HunterLab color 56.9008, -34.1078, 34.4649 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 56.9008, -34.1078, 34.4649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

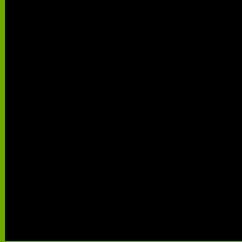
Any Text WCAG AA ✓ Pass

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 56.9008, -34.1078, 34.4649 Background



This preview shows how black text looks on a background with the HunterLab color 56.9008, -34.1078, 34.4649.



This preview shows how white text looks on a background with the HunterLab color 56.9008,

-34.1078, 34.4649.

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

56.9008, -34.1078, 34.4649

Protanopia

56.5645, -8.1382, 34.7123

Deuteranopia

56.5730, 3.6860, 33.4166



Tritanopia

56.8215, -9.6028, -5.8802

Trichromacy



Original Color

56.9008, -34.1078, 34.4649

Protanomaly

56.2367, -18.5908, 34.3273

Deuteranomaly

55.8375, -12.1794, 33.4402

Tritanomaly

55.9389, -22.5755, 18.7393

Monochromacy



Original Color

56.9008, -34.1078, 34.4649

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

50.8020, -17.2757, 20.9712

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.9008, -34.1078, 34.4649 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(109, 171, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 171, 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(109, 171, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 171, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 56.9008, -34.1078, 34.4649 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(109, 171, 0) }
```


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

```
.border{ border-color:rgb(109, 171, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 171, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 171, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 171, 0);  
box-shadow:4px 4px 4px 4px rgb(109, 171,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.9008, -34.1078, 34.4649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 171, 0) }
```

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

```
.background{ background-color: rgb(109,  
171, 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