

Converting Colors

HunterLab(62.8869, -30.9468,
34.8025)

Have a look what the booklet for
HunterLab(62.8869, -30.9468,
34.8025) contains.

HunterLab(62.7511, -30.8025, 34.7126)	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(62.7511,
-30.8025, 34.7126)**

Conversions

Conversions Part 1

Format	Color
Hex	88B737
RGB	136, 183, 55
RGB Percent	53%, 72%, 22%
CMY	0.4667, 0.2823, 0.7843
CMYK	0.26, 0.00, 0.70, 0.28
HSL	82°, 54%, 47%
HSV	82°, 70%, 72%
XYZ	27.7764, 39.3770, 9.7510
YIQ	154.3550, 13.0760, -49.7720

Conversions

Conversions Part 2

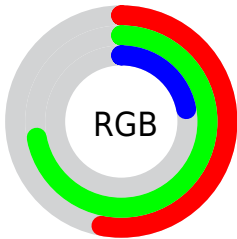
Format	Color
RYB	55, 183, 102
Decimal	8959799
CIELab	69.02, -34.68, 57.11
CIELCh	69, 66.815, 121.266
Yxy	39.3787, 0.3612, 0.5120
Android (android.graphics.Color)	4287149879 (0xFF88B737)
YUV	154.3550, -48.9820, -16.0973
Hunter-Lab	62.7511, -30.8025, 34.7126

Details

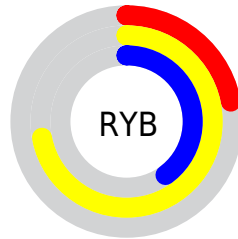
The HunterLab color $62.7511, -30.8025, 34.7126$ is a dark color, and the websafe version is hex $99CC33$. A complement of this color would be $29.9619, 39.2807, -69.5060$, and the grayscale version is $57.1799, -3.0510, 3.1067$.

A 20% lighter version of the original color is $86.0486, -35.7353, 42.4283$, and $42.0887, -25.4093, 25.4900$ is the 20% darker color. If you saturate the color by 10%, you get $62.2008, -33.2069, 36.1013$, and if you desaturate by 10%, it is $63.3786, -28.0359, 32.6164$.

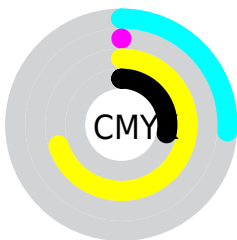
Distribution



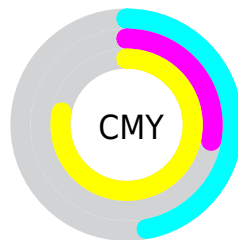
- Red (53%)
- Green (72%)
- Blue (22%)



- Red (22%)
- Yellow (72%)
- Blue (40%)



- Cyan (26%)
- Magenta (0%)
- Yellow (70%)
- Black (28%)



- Cyan (47%)
- Magenta (28%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.7511, -30.8025, 34.7126 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 62.7511, -30.8025, 34.7126 by changing the saturation by 10% instead.

■ 62.7511, -30.8025,
34.7126

■ 62.7511, -30.8025,
34.7126

185.3370,
-51.2973, 65.9754

■ 52.0139, -28.2317,
30.5607

■ 86.1490, -35.6828,
42.4599

■ 41.9692, -25.5359,
26.1795

■ 98.7415, -38.0241,
46.1090

■ 32.6701, -22.6758,
21.5784

■ 111.8940,
-40.3164, 49.6374

■ 24.1819, -19.5884,
16.9273

■ 125.5836,
-42.5685, 53.0623

■ 16.5911, -16.1688,
11.6138

■ 139.7900,
-44.7874, 56.3976

■ 10.0200, -15.6989,
7.0140

■ 154.4950,

0.0000, NaN, NaN

-46.9789, 59.6553

0.0000, NaN, NaN

169.6823,
-49.1476, 62.8451

0.0000, NaN, NaN

■ 62.7511, -30.8025,
34.7126

■ 62.7511, -30.8025,
34.7126

■ 62.2008, -33.2069,
36.1013

■ 63.3786, -28.0359,
32.6164

■ 61.7188, -35.2639,
36.8470

■ 64.0824, -24.8925,
29.7670

■ 61.2951, -37.0373,
37.1185

■ 64.8663, -21.3713,
26.1370

■ 61.2928, -37.0470,
37.1197

■ 65.7317, -17.4756,
21.7127

■ 66.6794, -13.2137,
16.4916

■ 67.7096, -8.5977,
10.4816

■ 68.8218, -3.6429,
3.6985

■ 70.0154, 1.6332,
-3.8351

■ 71.2889, 7.2114,
-12.0911

Harmonies

Analogous

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



62.7525, -4.6327, 37.3931



62.7511, -30.8025, 34.7126



62.7525, -46.6837, 24.6369

Triad

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



62.7525, -30.8041, 34.7130



62.7525, -28.9638, -67.1538



62.7525, 66.1199, 4.6270

Complementary

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



62.7511, -30.8025, 34.7126



29.9619, 39.2807, -69.5060

Split Complementary

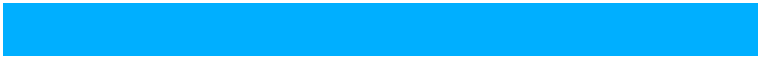
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.7525, 56.3054, -29.4755



62.7511, -30.8025, 34.7126



62.7525, -2.0603, -81.0311

Square

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



62.7525, -30.8041, 34.7130



62.7525, -45.7715, -32.6704



62.7525, 29.8200, -64.7740



62.7525, 54.5811, 25.9005

Rectangle

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



62.7511, -30.8025, 34.7126



62.7525, -51.1581, 11.2586



62.7525, 29.8200, -64.7740



62.7525, 65.1974, -5.5914

Sweetspot

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



62.7525, -30.8041, 34.7130



89.0487, -18.5126, 23.1144



44.5356, 22.1208, 23.0172



41.6829, -9.4511, 11.7963



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



62.7525, -30.8041, 34.7130



82.8776, -45.9927, 48.9552



59.6028, -43.5046, 32.3694



32.1466, -3.9406, 4.7876



51.2316, -30.7850, 31.0297



9.7932, -5.0860, 5.9455

Inverse Universe

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



29.9619, 39.2807, -69.5060



33.0025, 64.3038, -122.6841



37.7520, 55.1037, -46.1349



29.7922, 0.7340, -1.6886



18.0514, 44.1259, -90.7555



3.8801, 8.8116, -14.2903

Previews

White Background



This preview shows how the HunterLab color 62.7511, -30.8025, 34.7126 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 62.7511, -30.8025, 34.7126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

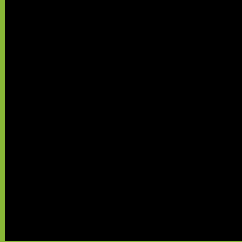
Any Text WCAG AA ✓ Pass

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 62.7511, -30.8025, 34.7126 Background



This preview shows how black text looks on a background with the HunterLab color 62.7511, -30.8025, 34.7126.



This preview shows how white text looks on a background with the HunterLab color 62.7511, -30.8025, 34.7126.

-30.8025, 34.7126.

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

62.7511, -30.8025, 34.7126

Protanopia

62.3984, -8.1042, 35.3318

Deuteranopia

62.5037, 4.2542, 33.9878



Tritanopia

62.6929, -6.4477, -4.8894

Trichromacy



Original Color

62.7511, -30.8025, 34.7126

Protanomaly

62.1048, -16.9238, 34.8709

Deuteranomaly

61.8767, -9.8088, 33.7261

Tritanomaly

62.1337, -17.4596, 15.0365

Monochromacy



Original Color

62.7511, -30.8025, 34.7126

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

58.6697, -15.1777, 18.5655

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.7511, -30.8025, 34.7126 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(136, 183, 55)` looks like.

```
.text, #text, p{  
    color:rgb(136, 183, 55)  
}
```

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(136, 183, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 183, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 62.7511, -30.8025, 34.7126 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(136, 183, 55) }
```


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

```
.border{ border-color:rgb(136, 183, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 183, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 183, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 183, 55);  
box-shadow:4px 4px 4px 4px rgb(136, 183,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.7511, -30.8025, 34.7126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 183, 55) }
```

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

```
.background{ background-color: rgb(136,  
183, 55) }
```

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