

Converting Colors

HunterLab(56.5120, -26.9343,
28.6153)

Have a look what the booklet for
HunterLab(56.5120, -26.9343,
28.6153) contains.

HunterLab(56.4157, -26.8867, 28.5450)	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(56.4157,
-26.8867, 28.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	7AA644
RGB	122, 166, 68
RGB Percent	48%, 65%, 27%
CMY	0.5216, 0.3490, 0.7333
CMYK	0.27, 0.00, 0.59, 0.35
HSL	87°, 42%, 46%
HSV	87°, 59%, 65%
XYZ	22.7056, 31.8273, 10.4153
YIQ	141.6720, 5.2340, -39.8060

Conversions

Conversions Part 2

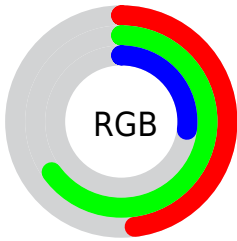
Format	Color
RYB	68, 166, 112
Decimal	8037956
CIELab	63.20, -31.14, 45.08
CIElCh	63, 54.792, 124.631
Yxy	31.8287, 0.3496, 0.4900
Android (android.graphics.Color)	4286228036 (0xFF7AA644)
YUV	141.6720, -36.3203, -17.2523
Hunter-Lab	56.4157, -26.8867, 28.5450

Details

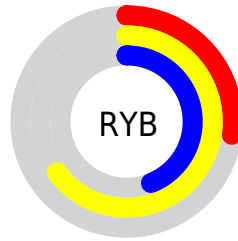
The HunterLab color $56.4157, -26.8867, 28.5450$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $32.1450, 30.5582, -46.2020$, and the grayscale version is $52.0183, -2.7756, 2.8263$.

A 20% lighter version of the original color is $79.0038, -31.2115, 34.8001$, and $36.5124, -22.0938, 21.4373$ is the 20% darker color. If you saturate the color by 10%, you get $55.7947, -29.6443, 30.4837$, and if you desaturate by 10%, it is $57.1192, -23.7603, 25.9453$.

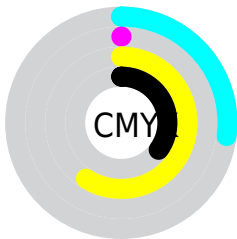
Distribution



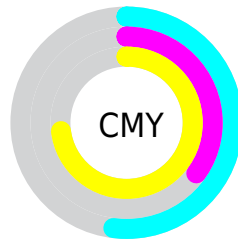
- Red (48%)
- Green (65%)
- Blue (27%)



- Red (27%)
- Yellow (65%)
- Blue (44%)



- Cyan (27%)
- Magenta (0%)
- Yellow (59%)
- Black (35%)



- Cyan (52%)
- Magenta (35%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.4157, -26.8867, 28.5450 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 56.4157, -26.8867, 28.5450 by changing the saturation by 10% instead.

■ 56.4157, -26.8867,
28.5450

■ 56.4157, -26.8867,
28.5450

176.1642,
-46.0794, 54.5866

■ 46.0768, -24.4761,
25.0910

■ 79.0838, -31.4532,
34.9702

■ 36.4592, -21.9405,
21.4253

■ 91.3384, -33.6428,
37.9968

■ 27.6232, -19.2359,
17.5116

■ 104.1677,
-35.7870, 40.9272

■ 19.6453, -16.2885,
13.7517

■ 117.5472,
-37.8946, 43.7768

■ 12.6302, -13.2144,
8.8412

■ 131.4549,
-39.9726, 46.5583

■ 5.9530, -10.4177,
4.1671

145.8716,

0.0000, NaN, NaN

-42.0266, 49.2818

0.0000, NaN, NaN

160.7800,
-44.0609, 51.9555

0.0000, NaN, NaN

■ 56.4157, -26.8867,
28.5450

■ 56.4157, -26.8867,
28.5450

■ 55.7947, -29.6443,
30.4837

■ 57.1192, -23.7603,
25.9453

■ 55.2498, -32.0335,
31.7940

■ 57.9033, -20.2637,
22.6647

■ 54.7785, -34.0689,
32.5290

■ 58.7699, -16.4065,
18.6970

■ 54.3710, -35.8001,
32.8263

■ 59.7192, -12.2013,
14.0460

■ 54.3338, -35.9586,
32.8507

■ 60.7509, -7.6643,
8.7244

■ 61.8640, -2.8142,
2.7514

■ 63.0571, 2.3287,
-3.8480

■ 64.3287, 7.7428,
-11.0450

■ 65.6766, 13.4066,
-18.8077

Harmonies

Analogous

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



56.4169, -6.6866, 31.6224



56.4157, -26.8867, 28.5450



56.4169, -38.9089, 18.8102

Triad

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



56.4169, -26.8880, 28.5454



56.4169, -21.4321, -52.6405



56.4169, 50.6637, 6.4975

Complementary

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



56.4157, -26.8867, 28.5450



32.1450, 30.5582, -46.2020

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.



56.4169, 44.9606, -19.1264



56.4157, -26.8867, 28.5450



56.4169, 0.7565, -60.4334

Square

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



56.4169, -26.8880, 28.5454



56.4169, -36.1472, -27.9569



56.4169, 25.6393, -46.2233



56.4169, 40.1366, 22.7363

Rectangle

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



56.4157, -26.8867, 28.5450



56.4169, -41.9565, 7.0207



56.4169, 25.6393, -46.2233



56.4169, 50.5942, -1.1868

Sweetspot

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



56.4169, -26.8880, 28.5454



80.5447, -16.0227, 18.4486



44.4727, 12.0668, 20.3237



37.9252, -8.3611, 9.6148



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



56.4169, -26.8880, 28.5454



74.9116, -41.0461, 41.7362



54.0077, -36.5232, 26.6358



29.3322, -3.7612, 4.2852



47.8744, -31.5445, 28.9477



7.6638, -4.1305, 4.6501

Inverse Universe

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



32.1450, 30.5582, -46.2020



36.6580, 51.5952, -82.4068



37.8245, 43.9620, -32.4757



27.3116, 0.8279, -1.4313



18.1864, 42.8837, -79.2463



3.3324, 7.2656, -9.9292

Previews

White Background



This preview shows how the HunterLab color 56.4157, -26.8867, 28.5450 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 56.4157, -26.8867, 28.5450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

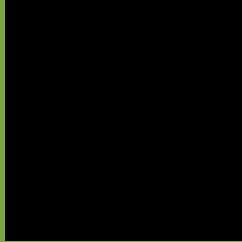
Any Text WCAG AA ✓ Pass

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 56.4157, -26.8867, 28.5450 Background



This preview shows how black text looks on a background with the HunterLab color 56.4157, -26.8867, 28.5450.



This preview shows how white text looks on a background with the HunterLab color 56.4157,

-26.8867, 28.5450.

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

56.4157, -26.8867, 28.5450

Protanopia

56.3016, -6.9208, 29.4637

Deuteranopia

56.0683, 4.0760, 27.7696



Tritanopia

56.3516, -6.9191, -4.3751

Trichromacy



Original Color

56.4157, -26.8867, 28.5450

Protanomaly

56.2207, -14.8274, 29.1093

Deuteranomaly

55.8058, -8.5129, 27.7246

Tritanomaly

56.1724, -15.8667, 11.2940

Monochromacy



Original Color

56.4157, -26.8867, 28.5450

Achromatopsia

52.0094, -2.7751, 2.8258

Achromatomaly

53.4059, -12.7338, 14.6789

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.4157, -26.8867, 28.5450 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(122, 166, 68)` looks like.

```
.text, #text, p{  
    color:rgb(122, 166, 68)  
}
```

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(122, 166, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 166, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 56.4157, -26.8867, 28.5450 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(122, 166, 68) }
```


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

```
.border{ border-color:rgb(122, 166, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 166, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 166, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 166, 68);  
box-shadow:4px 4px 4px 4px rgb(122, 166,  
68) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.4157, -26.8867, 28.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 166, 68) }
```

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

```
.background{ background-color: rgb(122,  
166, 68) }
```

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