

Converting Colors

HunterLab(56.2548, -30.8426,
28.4979)

Have a look what the booklet for
HunterLab(56.2548, -30.8426,
28.4979) contains.

HunterLab(56.2687, -30.8297, 28.5375)	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(56.2687,
-30.8297, 28.5375)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA843
RGB	109, 168, 67
RGB Percent	43%, 66%, 26%
CMY	0.5725, 0.3412, 0.7372
CMYK	0.35, 0.00, 0.60, 0.34
HSL	95°, 43%, 46%
HSV	95°, 60%, 66%
XYZ	21.3224, 31.6617, 10.2977
YIQ	138.8450, -2.7430, -43.9190

Conversions

Conversions Part 2

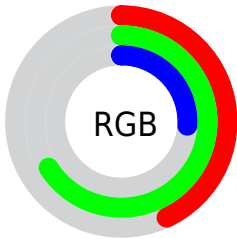
Format	Color
RYB	67, 168, 126
Decimal	7186499
CIELab	63.06, -36.98, 45.19
CIElCh	63, 58.392, 129.290
Yxy	31.6630, 0.3369, 0.5003
Android (android.graphics.Color)	4285376579 (0xFF6DA843)
YUV	138.8450, -35.4196, -26.1741
Hunter-Lab	56.2687, -30.8297, 28.5375

Details

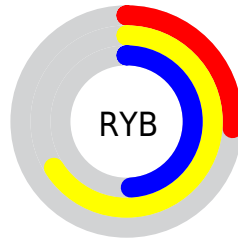
The HunterLab color $56.2687, -30.8297, 28.5375$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $33.5828, 35.2068, -44.0970$, and the grayscale version is $50.8883, -2.7153, 2.7649$.

A 20% lighter version of the original color is $79.0795, -36.1477, 35.0104$, and $36.1942, -25.0074, 21.2952$ is the 20% darker color. If you saturate the color by 10%, you get $55.5893, -33.8655, 30.4180$, and if you desaturate by 10%, it is $57.0547, -27.3312, 26.0042$.

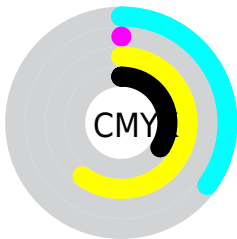
Distribution



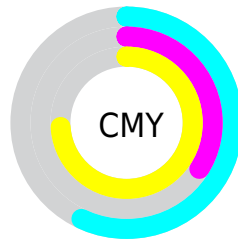
- Red (43%)
- Green (66%)
- Blue (26%)



- Red (26%)
- Yellow (66%)
- Blue (49%)



- Cyan (35%)
- Magenta (0%)
- Yellow (60%)
- Black (34%)



- Cyan (57%)
- Magenta (34%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.2687, -30.8297, 28.5375 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 56.2687, -30.8297, 28.5375 by changing the saturation by 10% instead.

■ 56.2687, -30.8297,
28.5375

■ 56.2687, -30.8297,
28.5375

175.9493,
-52.5723, 54.6412

■ 45.9394, -28.0391,
25.0733

■ 78.9192, -36.0742,
34.9803

■ 36.3321, -25.0871,
21.3964

■ 91.1657, -38.5715,
38.0146

■ 27.5074, -21.9181,
17.4750

■ 103.9873,
-41.0068, 40.9521

■ 19.5420, -18.4410,
13.6794

■ 117.3593,
-43.3912, 43.8085

■ 12.5410, -15.2300,
8.7787

■ 131.2600,
-45.7336, 46.5962

■ 5.8236, -10.1912,
4.0765

145.6698,

0.0000, NaN, NaN

-48.0409, 49.3255

0.0000, NaN, NaN

160.5715,
-50.3189, 52.0048

0.0000, NaN, NaN

■ 56.2687, -30.8297,
28.5375

■ 56.2687, -30.8297,
28.5375

■ 55.5893, -33.8655,
30.4180

■ 57.0547, -27.3312,
26.0042

■ 55.0099, -36.4353,
31.6762

■ 57.9452, -23.3757,
22.8027

■ 54.5271, -38.5524,
32.3654

■ 58.9420, -18.9810,
18.9330

■ 54.1326, -40.2619,
32.6514

■ 60.0446, -14.1696,
14.4065

■ 61.2516, -8.9684,
9.2435

■ 62.5611, -3.4068,
3.4717

■ 63.9707, 2.4844,
-2.8764

■ 65.4773, 8.6737,
-9.7648

■ 67.0779, 15.1304,
-17.1557

Harmonies

Analogous

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



56.2699, -10.7105, 32.4012



56.2687, -30.8297, 28.5375



56.2699, -41.9435, 17.1966

Triad

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



56.2699, -30.8309, 28.5379



56.2699, -19.3289, -60.4345



56.2699, 54.0742, 10.0899

Complementary

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



56.2687, -30.8297, 28.5375



33.5828, 35.2068, -44.0970

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.



56.2699, 50.6461, -16.0721



56.2687, -30.8297, 28.5375



56.2699, 5.1379, -65.2256

Square

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



56.2699, -30.8309, 28.5379



56.2699, -36.1712, -35.2418



56.2699, 31.5635, -46.3673



56.2699, 40.2333, 25.3304

Rectangle

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



56.2687, -30.8297, 28.5375



56.2699, -44.1475, 3.6380



56.2699, 31.5635, -46.3673



56.2699, 54.9505, 2.4817

Sweetspot

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



56.2699, -30.8309, 28.5379



81.1639, -17.8721, 18.2249



48.6125, 5.3046, 23.5706



37.6877, -9.2297, 9.3675



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.



56.2699, -30.8309, 28.5379



74.6174, -46.7953, 41.6061



54.5103, -37.7513, 25.6056



29.2479, -4.0611, 4.1884



47.0706, -34.8595, 28.3944



7.5451, -4.6054, 4.5686

Inverse Universe

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



33.5828, 35.2068, -44.0970



39.1744, 58.0034, -76.5898



38.5532, 45.8068, -26.2970



27.4023, 1.1350, -1.3097



20.3286, 45.3152, -68.2732



3.5988, 7.6064, -8.8629

Previews

White Background



This preview shows how the HunterLab color 56.2687, -30.8297, 28.5375 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 56.2687, -30.8297, 28.5375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

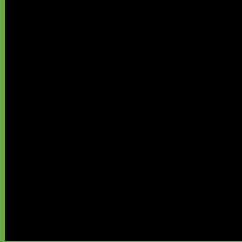
Any Text WCAG AA ✓ Pass

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 56.2687, -30.8297, 28.5375 Background



This preview shows how black text looks on a background with the HunterLab color 56.2687, -30.8297, 28.5375.



This preview shows how white text looks on a background with the HunterLab color 56.2687,

-30.8297, 28.5375.

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

56.2687, -30.8297, 28.5375

Protanopia

55.8921, -6.9201, 29.4848

Deuteranopia

55.9553, 3.6968, 27.6795



Tritanopia

56.3169, -9.9971, -5.5107

Trichromacy



Original Color

56.2687, -30.8297, 28.5375

Protanomaly

55.7018, -16.7716, 28.8666

Deuteranomaly

55.3248, -10.2649, 27.5227

Tritanomaly

56.0857, -19.3426, 10.7630

Monochromacy



Original Color

56.2687, -30.8297, 28.5375

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

52.5301, -14.4893, 14.4819

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.2687, -30.8297, 28.5375 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, 168, 67)` looks like.

```
.text, #text, p{  
    color:rgb(109, 168, 67)  
}
```

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, 168, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 168, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 56.2687, -30.8297, 28.5375 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, 168, 67) }
```


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

```
.border{ border-color:rgb(109, 168, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 168, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 168, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 168, 67);  
box-shadow:4px 4px 4px 4px rgb(109, 168,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.2687, -30.8297, 28.5375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 168, 67) }
```

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

```
.background{ background-color: rgb(109,  
168, 67) }
```

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