

Converting Colors

HunterLab(58.8249, -48.7548,
31.7216)

Have a look what the booklet for
HunterLab(58.8249, -48.7548,
31.7216) contains.

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Color

**HunterLab(58.7850,
-48.7330, 31.7244)**

Conversions

Conversions Part 1

Format	Color
Hex	00B837
RGB	0, 184, 55
RGB Percent	0%, 72%, 22%
CMY	1.0000, 0.2784, 0.7843
CMYK	1.00, 0.00, 0.70, 0.28
HSL	138°, 100%, 36%
HSV	138°, 100%, 72%
XYZ	17.8301, 34.5568, 9.3448
YIQ	114.2780, -68.2550, -79.1270

Conversions

Conversions Part 2

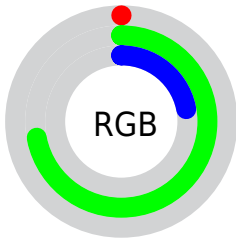
Format	Color
RYB	0, 142, 184
Decimal	47159
CIELab	65.40, -64.65, 52.13
CIELCh	65, 83.045, 141.119
Yxy	34.5582, 0.2888, 0.5598
Android (android.graphics.Color)	4278237239 (0xFF00B837)
YUV	114.2780, -29.2241, -100.2218
Hunter-Lab	58.7850, -48.7330, 31.7244

Details

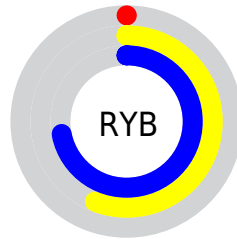
The HunterLab color **58.7850, -48.7330, 31.7244** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **34.3159, 63.3853, -13.6297**, and the grayscale version is **41.2565, -2.2013, 2.2415**.

A 20% lighter version of the original color is **81.5688, -57.1993, 38.9486**, and **39.6239, -33.9775, 23.8212** is the 20% darker color. If you saturate the color by 10%, you get **58.7862, -48.7339, 31.7249**, and if you desaturate by 10%, it is **59.0178, -47.5131, 30.0560**.

Distribution



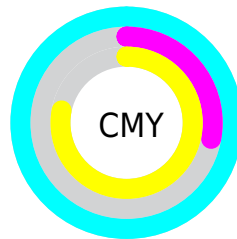
- Red (0%)
- Green (72%)
- Blue (22%)



- Red (0%)
- Yellow (56%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.7850, -48.7330, 31.7244 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 58.7850, -48.7330, 31.7244 by changing the saturation by 10% instead.

■ 58.7850, -48.7330,
31.7244

■ 58.7850, -48.7330,
31.7244

179.6145,
-82.7911, 60.9497

■ 48.2936, -44.1240,
27.8298

■ 81.7317, -57.2412,
38.9712

■ 38.5123, -39.1929,
23.7067

■ 94.1152, -61.2241,
42.3800

■ 29.4984, -33.8436,
19.3965

■ 107.0677,
-65.0663, 45.6755

■ 21.3238, -27.9321,
14.9267

■ 120.5652,
-68.7894, 48.8744

■ 14.0856, -24.1093,
9.8599

■ 134.5867,
-72.4107, 51.9908

■ 7.7341, -13.5348,
5.4139

■ 149.1131,

0.0000, NaN, NaN

-75.9441, 55.0360

0.0000, NaN, NaN

164.1275,
-79.4010, 58.0197

0.0000, NaN, NaN

■ 58.7850, -48.7330,
31.7244

■ 58.7850, -48.7330,
31.7244

■ 58.7862, -48.7339,
31.7249

■ 59.0178, -47.5131,
30.0560

■ 59.3828, -45.6803,
28.0576

■ 59.9192, -43.0888,
25.7578

■ 60.6430, -39.6976,
23.1797

■ 61.5645, -35.4983,
20.3529

■ 62.6900, -30.5097,
17.3117

■ 64.0218, -24.7725,
14.0938

■ 65.5591, -18.3443,
10.7379

■ 67.2986, -11.2932,
7.2819

Harmonies

Analogous

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



58.7862, -26.5411, 37.7370



58.7850, -48.7330, 31.7244



58.7862, -58.0211, 12.6791

Triad

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



58.7862, -48.7337, 31.7246



58.7862, -13.6783, -109.8502



58.7862, 78.5783, 22.6651

Complementary

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



58.7850, -48.7330, 31.7244



34.3159, 63.3853, -13.6297

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.



58.7862, 84.4639, -8.1794



58.7850, -48.7330, 31.7244



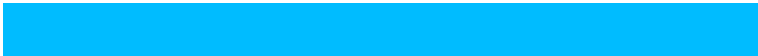
58.7862, 24.6132, -100.7081

Square

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



58.7862, -48.7337, 31.7246



58.7862, -41.3148, -77.1038



58.7862, 62.7675, -56.7359



58.7862, 48.2431, 35.1946

Rectangle

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



58.7850, -48.7330, 31.7244



58.7862, -57.7386, -11.3299



58.7862, 62.7675, -56.7359



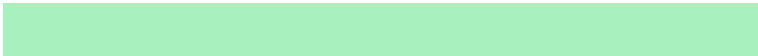
58.7862, 83.7338, 14.7650

Sweetspot

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



58.7862, -48.7337, 31.7246



86.1000, -33.7647, 19.1984



62.5918, -33.5733, 37.9809



39.6154, -17.2229, 9.7653



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.



58.7862, -48.7337, 31.7246



79.1246, -65.7588, 43.0555



60.2496, -39.7078, 10.4112



31.7854, -5.0943, 3.3238



48.8133, -40.3859, 26.1692



9.2264, -7.2006, 4.0119

Inverse Universe

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



34.3159, 63.3853, -13.6297



46.1538, 85.1690, -17.6892



32.1607, 55.5493, 17.1103



30.1923, 1.9300, 0.0542



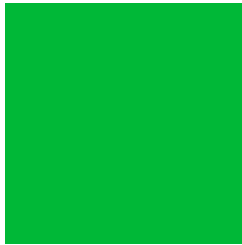
28.5103, 52.7013, -11.6280



5.4489, 10.2365, -3.4957

Previews

White Background



This preview shows how the HunterLab color 58.7850, -48.7330, 31.7244 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 58.7850, -48.7330, 31.7244 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 58.7850, -48.7330, 31.7244 Background



This preview shows how black text looks on a background with the HunterLab color 58.7850, -48.7330, 31.7244.



This preview shows how white text looks on a background with the HunterLab color 58.7850,

-48.7330, 31.7244.

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

58.7850, -48.7330, 31.7244

Protanopia

58.3217, -7.5152, 32.9633

Deuteranopia

58.2698, 4.2779, 30.5773



Tritanopia

58.7759, -22.3265, -11.0341

Trichromacy



Original Color

58.7850, -48.7330, 31.7244



Protanomaly

56.0242, -30.4128, 30.6749



Deuteranomaly

55.2807, -24.8158, 28.5856



Tritanomaly

57.8913, -35.5363, 10.4245

Monochromacy



Original Color

58.7850, -48.7330, 31.7244



Achromatopsia

41.0207, -2.1888, 2.2287



Achromatomaly

45.4665, -24.7753, 14.0780

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.7850, -48.7330, 31.7244 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(0, 184, 55)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 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(0, 184, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 58.7850, -48.7330, 31.7244 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(0, 184, 55) }
```


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

```
.border{ border-color:rgb(0, 184, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 184, 55);  
box-shadow:4px 4px 4px 4px rgb(0, 184, 55)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 58.7850, -48.7330, 31.7244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 55) }
```

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

```
.background{ background-color: rgb(0, 184,  
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](#).

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