

Converting Colors

HunterLab(12.5329, -2.4373,
0.7037)

Have a look what the booklet for
HunterLab(12.5329, -2.4373, 0.7037)
contains.

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Color

**HunterLab(12.4850, -2.4841,
0.8168)**

Conversions

Conversions Part 1

Format	Color
Hex	1C2321
RGB	28, 35, 33
RGB Percent	11%, 14%, 13%
CMY	0.8902, 0.8627, 0.8706
CMYK	0.20, 0.00, 0.06, 0.86
HSL	163°, 11%, 12%
HSV	163°, 20%, 14%
XYZ	1.3544, 1.5588, 1.6683
YIQ	32.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

Format	Color
RYB	28, 32, 35
Decimal	1844001
CIELab	12.98, -3.68, 0.29
CIElCh	13, 3.691, 175.564
Yxy	1.5588, 0.2956, 0.3402
Android (android.graphics.Color)	4280034081 (0xFF1C2321)
YUV	32.6790, 0.1583, -4.1035
Hunter-Lab	12.4850, -2.4841, 0.8168

Details

The HunterLab color **12.4850, -2.4841, 0.8168** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.3209, 1.3609, 0.5664**, and the grayscale version is **12.2319, -0.6527, 0.6646**.

A 20% lighter version of the original color is **27.3265, -3.8336, 1.5376**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.2751, -3.2977, 0.9059**, and if you desaturate by 10%, it is **12.7152, -1.6142, 0.7498**.

Distribution



Red (11%)

Green (14%)

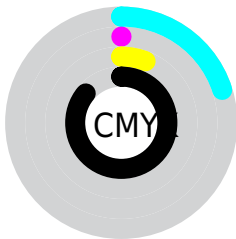
Blue (13%)



Red (11%)

Yellow (13%)

Blue (14%)

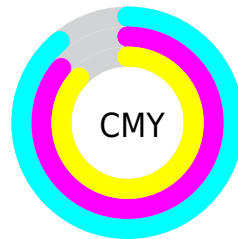


Cyan (20%)

Magenta (0%)

Yellow (6%)

Black (86%)



Cyan (89%)

Magenta (86%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4850, -2.4841, 0.8168 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 12.4850, -2.4841, 0.8168 by changing the saturation by 10% instead.

■ 12.4850, -2.4841,
0.8168

■ 12.4850, -2.4841,
0.8168

103.8744, -9.3143,
5.9337

■ 5.7410, -3.0995,
0.5186

■ 27.4349, -3.8570,
1.6724

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.2526, -4.5686,
2.1699

0.0000, NaN, NaN

■ 45.8534, -5.3018,
2.7086

0.0000, NaN, NaN

■ 56.1779, -6.0579,
3.2855

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.1786, -6.8372,
3.8984

0.0000, NaN, NaN

■ 78.8162, -7.6398,

0.0000, NaN, NaN

4.5451

■ 91.0577, -8.4656,
5.2240

■ 12.4850, -2.4841,
0.8168

■ 12.4850, -2.4841,
0.8168

■ 12.2751, -3.2977,
0.9059

■ 12.7152, -1.6142,
0.7498

■ 12.0851, -4.0500,
1.0161

■ 12.9646, -0.6918,
0.7044

■ 11.9151, -4.7377,
1.1473

■ 13.2332, 0.2781,
0.6805

■ 11.7652, -5.3576,
1.2983

■ 13.5202, 1.2909,
0.6777

■ 11.6350, -5.9075,
1.4682

■ 13.8253, 2.3419,
0.6955

■ 11.5170, -6.4152,
1.6469

■ 14.1479, 3.4269,
0.7331

■ 11.3986, -6.9295,
1.8197

■ 14.4872, 4.5416,
0.7897

■ 11.2796, -7.4512,
1.9864

■ 14.8426, 5.6821,
0.8644

■ 15.2136, 6.8451,
0.9564

Harmonies

Analogous

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



12.4853, -2.1781, 1.6481



12.4850, -2.4841, 0.8168



12.4853, -2.3160, -0.1160

Triad

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



12.4853, -2.4843, 0.8170



12.4853, 0.1538, -1.0415



12.4853, 0.4128, 2.0649

Complementary

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



12.4850, -2.4841, 0.8168



11.3209, 1.3609, 0.5664

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.



12.4853, 1.0726, 1.4261



12.4850, -2.4841, 0.8168



12.4853, 0.9199, -0.3733

Square

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



12.4853, -2.4843, 0.8170



12.4853, -0.8118, -1.2356



12.4853, 1.2609, 0.5407



12.4853, -0.5213, 2.3325

Rectangle

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



12.4850, -2.4841, 0.8168



12.4853, -1.9545, -0.6643



12.4853, 1.2609, 0.5407



12.4853, 0.6752, 1.8889

Sweetspot

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



12.4853, -2.4843, 0.8170



16.2889, -1.6430, 0.9303



12.5040, -2.6240, 2.4496



9.1316, -0.8975, 0.5200



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



12.4853, -2.4843, 0.8170



15.7292, -3.7651, 1.1012



12.2050, -1.7174, -0.2343



7.6160, -0.8468, 0.4403



25.0654, -17.1021, 5.5890



69.1598, -48.0475, 17.2770

Inverse Universe

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



11.3209, 1.3609, 0.5664



13.8345, 2.5008, 0.6980



11.5745, 0.5955, 1.5148



7.3404, 0.0618, 0.3802



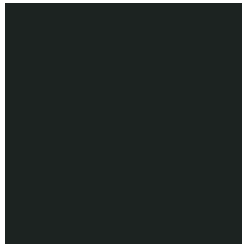
13.5614, 23.6900, 5.1530



37.2742, 64.7016, 17.3535

Previews

White Background



This preview shows how the HunterLab color 12.4850, -2.4841, 0.8168 looks on a white background.

Color Contrast Check

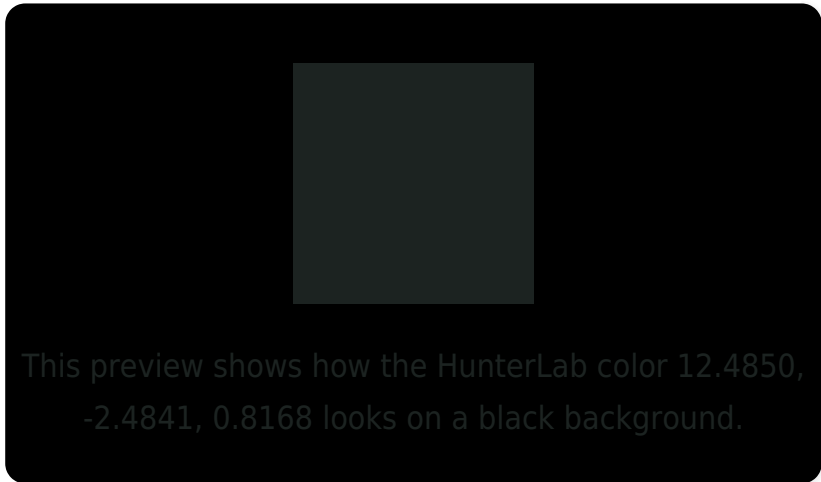
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

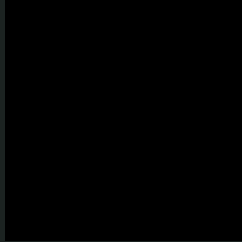
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 12.4850, -2.4841, 0.8168 Background



This preview shows how black text looks on a background with the HunterLab color 12.4850, -2.4841, 0.8168.



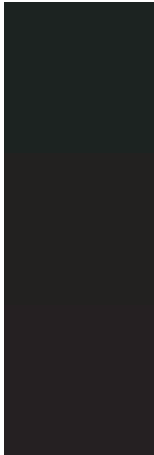
This preview shows how white text looks on a background with the HunterLab color 12.4850, -2.4841,

0.8168.

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

12.4850, -2.4841, 0.8168

Protanopia

12.3777, -0.5449, 1.0719

Deuteranopia

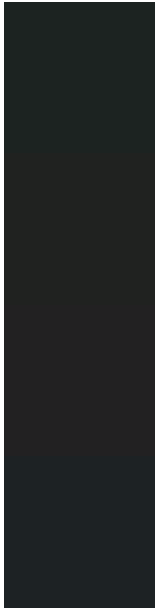
12.4171, 0.8136, 0.4394



Tritanopia

12.4050, -1.3816, -0.7457

Trichromacy



Original Color

12.4850, -2.4841, 0.8168

Protanomaly

12.4716, -1.3814, 1.1645

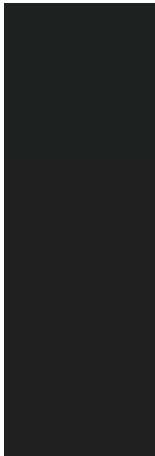
Deuteranomaly

12.4229, -0.2982, 0.4269

Tritanomaly

12.3800, -1.5201, -0.3916

Monochromacy



Original Color

12.4850, -2.4841, 0.8168

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.4305, -1.4827, 0.7707

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4850, -2.4841, 0.8168 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(28, 35, 33)` looks like.

```
.text, #text, p{  
    color:rgb(28, 35, 33)  
}
```

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(28, 35, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 35, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4850, -2.4841, 0.8168 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(28, 35, 33) }
```


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

```
.border{ border-color:rgb(28, 35, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 35, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 35, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 35, 33);  
box-shadow:4px 4px 4px 4px rgb(28, 35, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4850, -2.4841, 0.8168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 35, 33) }
```

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

```
.background{ background-color: rgb(28, 35,  
33) }
```

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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