

Converting Colors

HunterLab(12.8415, 4.8552,
-4.3037)

Have a look what the booklet for
HunterLab(12.8415, 4.8552, -4.3037)
contains.

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Color

**HunterLab(12.8350, 4.9865,
-4.4269)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 2B1E2F |
| RGB | 43, 30, 47 |
| RGB Percent | 17%, 12%, 18% |
| CMY | 0.8314, 0.8823, 0.8157 |
| CMYK | 0.09, 0.36, 0.00, 0.82 |
| HSL | 286°, 22%, 15% |
| HSV | 286°, 36%, 18% |
| XYZ | 1.9736, 1.6474, 2.9033 |
| YIQ | 35.8250, 2.2910, 8.0430 |

Conversions

Conversions Part 2

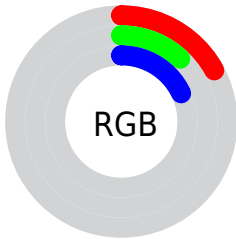
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 43, 30, 47 |
| Decimal | 2825775 |
| CIE _{Lab} | 13.52, 10.21, -8.86 |
| CIE _{LCh} | 14, 13.515, 319.034 |
| Yxy | 1.6474, 0.3025, 0.2525 |
| Android (android.graphics.Color) | 4281015855 (0xFF2B1E2F) |
| YUV | 35.8250, 5.5093, 6.2925 |
| Hunter-Lab | 12.8350, 4.9865, -4.4269 |

Details

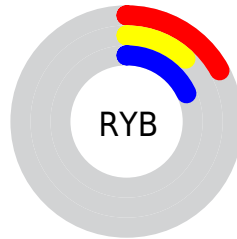
The HunterLab color **12.8350, 4.9865, -4.4269** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.7063, -5.7724, 4.9401**, and the grayscale version is **13.2093, -0.7048, 0.7177**.

A 20% lighter version of the original color is **27.9495, 5.6574, -4.6470**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.8468, 6.6566, -6.0430**, and if you desaturate by 10%, it is **13.8839, 3.3277, -2.8712**.

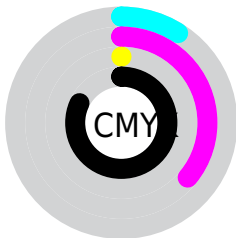
Distribution



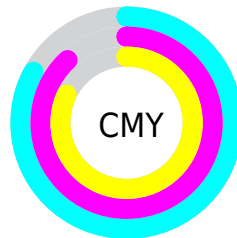
- Red (17%)
- Green (12%)
- Blue (18%)



- Red (17%)
- Yellow (12%)
- Blue (18%)



- Cyan (9%)
- Magenta (36%)
- Yellow (0%)
- Black (82%)



- Cyan (83%)
- Magenta (88%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8350, 4.9865, -4.4269 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 12.8350, 4.9865, -4.4269 by changing the saturation by 10% instead.

■ 12.8350, 4.9865,
-4.4269

■ 12.8350, 4.9865,
-4.4269

■ 104.5812, 5.1690,
-3.3962

■ 6.2392, 6.7940,
-5.5676

■ 27.8891, 5.6273,
-4.6895

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.7508, 5.7780,
-4.6912

0.0000, NaN, NaN

■ 46.3920, 5.8410,
-4.6199

0.0000, NaN, NaN

■ 56.7541, 5.8282,
-4.4834

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.7901, 5.7484,
-4.2881

0.0000, NaN, NaN

■ 79.4610, 5.6085,

0.0000, NaN, NaN

-4.0391

91.7341, 5.4139,
-3.7407

12.8350, 4.9865,
-4.4269

12.8350, 4.9865,
-4.4269

11.8468, 6.6566,
-6.0430

13.8839, 3.3277,
-2.8712

10.9275, 8.3200,
-7.7126

14.9849, 1.6910,
-1.3776

10.0880, 9.9440,
-9.4157

16.1320, 0.0804,
0.0577

9.3399, 11.4787,
-11.1158

17.3197, -1.5034,
1.4397

8.6513, 12.9955,
-12.8725

18.5438, -3.0616,
2.7744

■ 7.9121, 14.8736,
-15.0172

■ 19.8004, -4.5965,
4.0675

■ 7.6109, 15.7304,
-15.9853

■ 21.0866, -6.1106,
5.3247

■ 22.3997, -7.6066,
6.5509

■ 23.7374, -9.0871,
7.7505

Harmonies

Analogous

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



12.8353, 1.6570, -7.2397



12.8350, 4.9865, -4.4269



12.8353, 6.8626, -0.6216

Triad

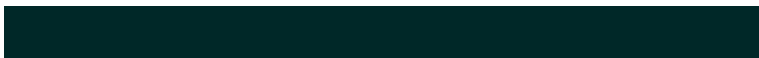
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.8353, 4.9862, -4.4266



12.8353, 0.6614, 5.7436



12.8353, -6.6090, -1.6462

Complementary

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



12.8350, 4.9865, -4.4269



15.7063, -5.7724, 4.9401

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.



12.8353, -6.8127, 1.8920



12.8350, 4.9865, -4.4269



12.8353, -2.8713, 5.5846

Square

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



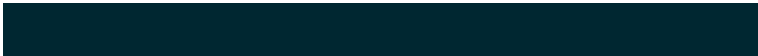
12.8353, 4.9862, -4.4266



12.8353, 4.1883, 4.7544



12.8353, -5.5166, 4.3168



12.8353, -4.9257, -5.3526

Rectangle

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



12.8350, 4.9865, -4.4269



12.8353, 6.9122, 1.6926



12.8353, -5.5166, 4.3168



12.8353, -6.8452, -0.3818

Sweetspot

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



12.8353, 4.9862, -4.4266



19.9247, 1.2276, -0.9226



12.8052, 0.2816, -4.5567



10.6511, 0.6510, -0.4886



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



12.8353, 4.9862, -4.4266



15.3192, 8.3959, -7.6098



13.0596, 5.4124, -2.1254



8.7216, 0.2099, -0.1148



13.6086, 28.3255, -30.1238



35.6883, 74.7495, -82.6140

Inverse Universe

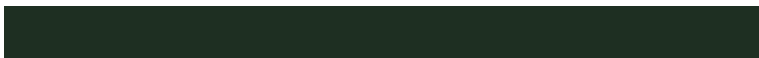
The Inverse Universe completely reimagines the original color for something new.



12.8392, 4.2991, 0.9978



15.3438, 7.3037, 1.4496



15.5757, -6.1211, 3.6573



8.7188, 0.1224, 0.4854



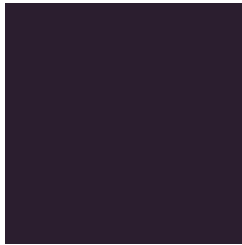
14.3658, 24.9635, 6.4801



38.1576, 65.9586, 19.9078

Previews

White Background



This preview shows how the HunterLab color 12.8350, 4.9865, -4.4269 looks on a white background.

Color Contrast Check

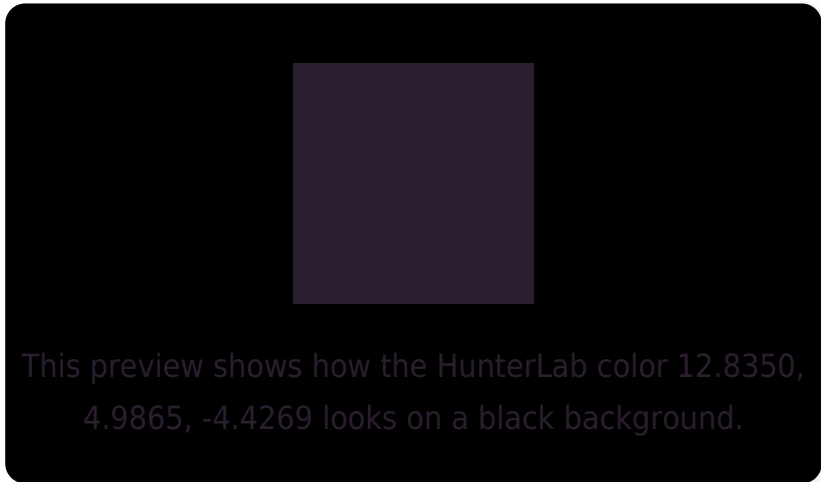
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.8350, 4.9865, -4.4269 Background



This preview shows how black text looks on a background with the HunterLab color 12.8350, 4.9865, -4.4269.



This preview shows how white text looks on a background with the HunterLab color 12.8350, 4.9865,

-4.4269.

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

12.8350, 4.9865, -4.4269

Protanopia

12.8466, 0.9055, -5.9950

Deuteranopia

12.8390, 0.6224, -4.0142



Tritanopia

12.7506, 1.9658, 0.4974

Trichromacy



Original Color

12.8350, 4.9865, -4.4269

Protanomaly

12.9104, 2.1743, -5.3509

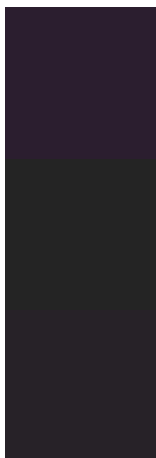
Deuteranomaly

12.8842, 1.8989, -3.9220

Tritanomaly

12.7228, 3.1439, -1.0502

Monochromacy



Original Color

12.8350, 4.9865, -4.4269

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.1476, 1.3174, -0.9283

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8350, 4.9865, -4.4269 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(43, 30, 47)` looks like.

```
.text, #text, p{  
    color:rgb(43, 30, 47)  
}
```

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(43, 30, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 30, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8350, 4.9865, -4.4269 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(43, 30, 47) }
```


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

```
.border{ border-color:rgb(43, 30, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 30, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 30, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 30, 47);  
box-shadow:4px 4px 4px 4px rgb(43, 30, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.8350, 4.9865, -4.4269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 30, 47) }
```

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

```
.background{ background-color: rgb(43, 30,  
47) }
```

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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