

Converting Colors

HunterLab(12.3341, 2.5398,
-3.4423)

Have a look what the booklet for
HunterLab(12.3341, 2.5398, -3.4423)
contains.

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Color

**HunterLab(12.4407, 2.4625,
-3.1833)**

Conversions

Conversions Part 1

Format	Color
Hex	251F2B
RGB	37, 31, 43
RGB Percent	15%, 12%, 17%
CMY	0.8549, 0.8784, 0.8314
CMYK	0.14, 0.28, 0.00, 0.83
HSL	270°, 16%, 15%
HSV	270°, 28%, 17%
XYZ	1.6890, 1.5477, 2.4952
YIQ	34.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

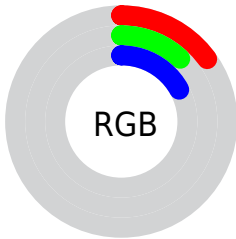
Format	Color
R_YB	37, 31, 43
Decimal	2432811
CIE Lab	12.91, 5.87, -6.97
CIE LCh	13, 9.111, 310.127
Yxy	1.5478, 0.2947, 0.2700
Android (android.graphics.Color)	4280622891 (0xFF251F2B)
YUV	34.1620, 4.3571, 2.4889
Hunter-Lab	12.4407, 2.4625, -3.1833

Details

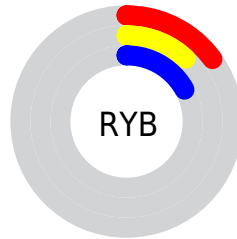
The HunterLab color **12.4407, 2.4625, -3.1833** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.8998, -3.6217, 3.9591**, and the grayscale version is **12.6858, -0.6769, 0.6892**.

A 20% lighter version of the original color is **27.4419, 2.4346, -2.9953**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.3990, 3.6855, -4.7994**, and if you desaturate by 10%, it is **13.5224, 1.2632, -1.6665**.

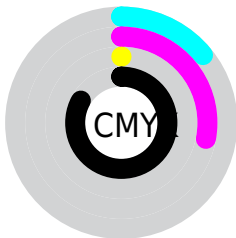
Distribution



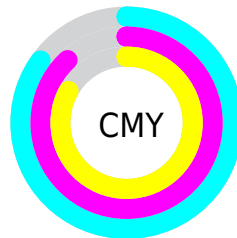
- Red (15%)
- Green (12%)
- Blue (17%)



- Red (15%)
- Yellow (12%)
- Blue (17%)



- Cyan (14%)
- Magenta (28%)
- Yellow (0%)
- Black (83%)



- Cyan (85%)
- Magenta (88%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4407, 2.4625, -3.1833 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 12.4407, 2.4625, -3.1833 by changing the saturation by 10% instead.

■ 12.4407, 2.4625,
-3.1833

■ 12.4407, 2.4625,
-3.1833

103.7846, 0.5780,
-1.4153

■ 5.6745, 4.2059,
-4.7799

■ 27.3773, 2.5280,
-3.2619

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.1894, 2.4259,
-3.1746

0.0000, NaN, NaN

■ 45.7850, 2.2531,
-3.0179

0.0000, NaN, NaN

■ 56.1048, 2.0188,
-2.7996

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.1010, 1.7296,
-2.5258

0.0000, NaN, NaN

■ 78.7343, 1.3904,

0.0000, NaN, NaN

-2.2013

90.9717, 1.0055,
-1.8301

12.4407, 2.4625,
-3.1833

12.4407, 2.4625,
-3.1833

11.3990, 3.6855,
-4.7994

13.5224, 1.2632,
-1.6665

10.4024, 4.9326,
-6.5305

14.6386, 0.0866,
-0.2353

9.4588, 6.1989,
-8.3893

15.7855, -1.0701,
1.1238

8.5775, 7.4717,
-10.3821

16.9601, -2.2099,
2.4221

7.7691, 8.7271,
-12.5020

18.1597, -3.3354,
3.6694

■ 6.9480, 10.2328,
-15.0430

■ 19.3821, -4.4492,
4.8738

■ 6.0331, 12.3898,
-18.5265

■ 20.6256, -5.5537,
6.0422

■ 5.8255, 12.9704,
-19.4447

■ 21.8886, -6.6508,
7.1803

■ 23.1698, -7.7422,
8.2930

Harmonies

Analogous

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



12.4410, 0.1601, -4.4855



12.4407, 2.4625, -3.1833



12.4410, 3.9960, -0.9150

Triad

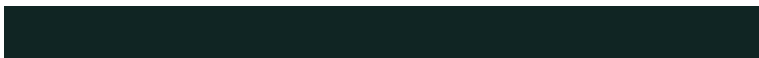
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.4410, 2.4622, -3.1830



12.4410, 0.9488, 4.1480



12.4410, -4.9021, -0.1224

Complementary

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



12.4407, 2.4625, -3.1833



14.8998, -3.6217, 3.9591

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.



12.4410, -4.7261, 2.0833



12.4407, 2.4625, -3.1833



12.4410, -1.4681, 4.2815

Square

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



12.4410, 2.4622, -3.1830



12.4410, 3.0772, 3.1944



12.4410, -3.5100, 3.5961



12.4410, -4.0104, -2.5088

Rectangle

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



12.4407, 2.4625, -3.1833



12.4410, 4.3122, 0.6869



12.4410, -3.5100, 3.5961



12.4410, -4.9641, 0.6674

Sweetspot

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



12.4410, 2.4622, -3.1830



18.6769, 0.1980, -0.4057



13.4216, -1.2913, -1.8486



10.0901, 0.1359, -0.2541



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



12.4410, 2.4622, -3.1830



14.9903, 4.2665, -5.5371



12.8986, 3.9145, -2.4892



7.9914, 0.0443, -0.1249



10.6595, 24.2815, -39.8307



27.9091, 64.7634, -113.5007

Inverse Universe

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



12.7562, 3.1476, -0.2200



15.5164, 5.3613, -0.5582



14.5642, -4.8680, 3.6116



8.0353, 0.1490, 0.2814



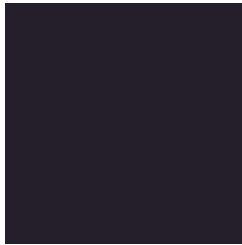
14.3508, 25.7448, 0.2143



38.7067, 68.9655, 4.2437

Previews

White Background



This preview shows how the HunterLab color 12.4407, 2.4625, -3.1833 looks on a white background.

Color Contrast Check

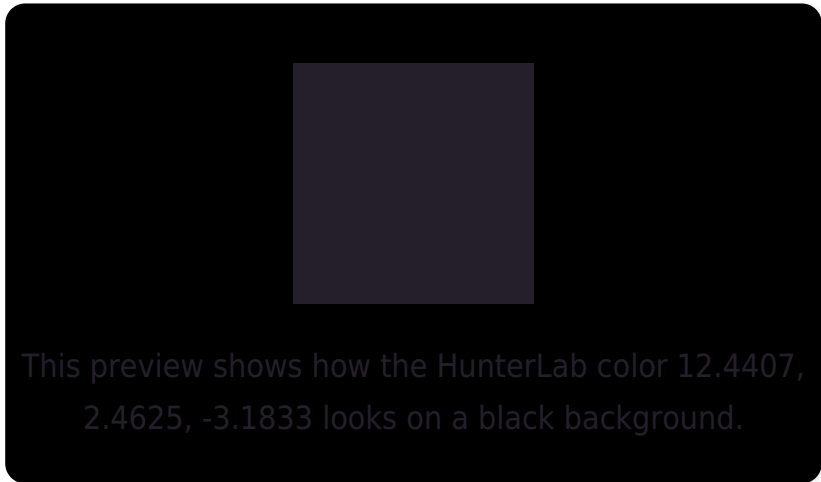
Large Text (above 18pt) WCAG AA ✓ Pass

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

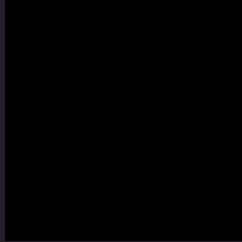
Any Text WCAG AA × Fail

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 12.4407, 2.4625, -3.1833 Background



This preview shows how black text looks on a background with the HunterLab color 12.4407, 2.4625, -3.1833.



This preview shows how white text looks on a background with the HunterLab color 12.4407, 2.4625, -3.1833.

-3.1833.

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

12.4407, 2.4625, -3.1833

Protanopia

12.4321, 0.2674, -3.6988

Deuteranopia

12.5268, 0.5290, -3.0892



Tritanopia

12.5862, 0.3080, 0.2704

Trichromacy



Original Color

12.4407, 2.4625, -3.1833

Protanomaly

12.4024, 1.2995, -3.7263

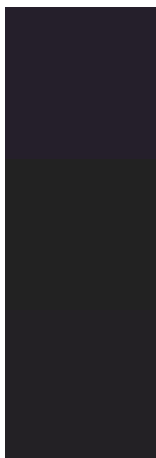
Deuteranomaly

12.4399, 1.3641, -3.2036

Tritanomaly

12.4420, 1.0938, -1.0524

Monochromacy



Original Color

12.4407, 2.4625, -3.1833

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.5643, 0.3305, -0.5116

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4407, 2.4625, -3.1833 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(37, 31, 43)` looks like.

```
.text, #text, p{  
    color:rgb(37, 31, 43)  
}
```

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(37, 31, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 31, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4407, 2.4625, -3.1833 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(37, 31, 43) }
```


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

```
.border{ border-color:rgb(37, 31, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 31, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 31, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 31, 43);  
box-shadow:4px 4px 4px 4px rgb(37, 31, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4407, 2.4625, -3.1833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 31, 43) }
```

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

```
.background{ background-color: rgb(37, 31,  
43) }
```

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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