

Converting Colors

HunterLab(12.7802, 3.7966,
-2.8182)

Have a look what the booklet for
HunterLab(12.7802, 3.7966, -2.8182)
contains.

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Color

**HunterLab(12.8321, 3.7076,
-2.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	2A1F2B
RGB	42, 31, 43
RGB Percent	16%, 12%, 17%
CMY	0.8353, 0.8784, 0.8314
CMYK	0.02, 0.28, 0.00, 0.83
HSL	295°, 16%, 15%
HSV	295°, 28%, 17%
XYZ	1.8809, 1.6466, 2.5042
YIQ	35.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

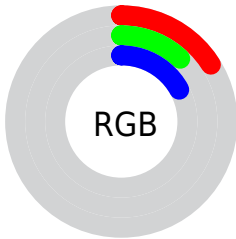
Format	Color
R_{YB}	42, 31, 43
Decimal	2760491
CIE Lab	13.51, 8.04, -5.99
CIE LCh	14, 10.026, 323.282
Yxy	1.6467, 0.3118, 0.2730
Android (android.graphics.Color)	4280950571 (0xFF2A1F2B)
YUV	35.6570, 3.6201, 5.5628
Hunter-Lab	12.8321, 3.7076, -2.5880

Details

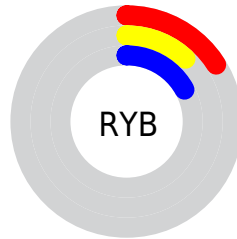
The HunterLab color **12.8321, 3.7076, -2.5880** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.6075, -4.7051, 3.6568**, and the grayscale version is **13.1616, -0.7023, 0.7151**.

A 20% lighter version of the original color is **27.8621, 3.8263, -2.4111**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9557, 5.3761, -3.8731**, and if you desaturate by 10%, it is **13.7627, 2.0568, -1.3295**.

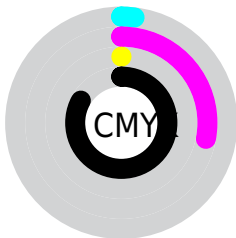
Distribution



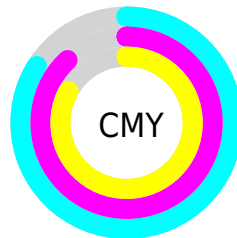
- Red (16%)
- Green (12%)
- Blue (17%)



- Red (16%)
- Yellow (12%)
- Blue (17%)



- Cyan (2%)
- Magenta (28%)
- Yellow (0%)
- Black (83%)



- Cyan (84%)
- Magenta (88%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8321, 3.7076, -2.5880 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 12.8321, 3.7076, -2.5880 by changing the saturation by 10% instead.

■ 12.8321, 3.7076,
-2.5880

■ 12.8321, 3.7076,
-2.5880

■ 104.5754, 2.8487,
-0.3725

■ 6.2352, 5.2834,
-3.6456

■ 27.8854, 4.0592,
-2.5469

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.7467, 4.0826,
-2.4050

0.0000, NaN, NaN

■ 46.3875, 4.0268,
-2.1968

0.0000, NaN, NaN

■ 56.7493, 3.9022,
-1.9298

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.7850, 3.7168,
-1.6098

0.0000, NaN, NaN

■ 79.4557, 3.4764,

0.0000, NaN, NaN

-1.2412

91.7286, 3.1857,
-0.8278

12.8321, 3.7076,
-2.5880

12.8321, 3.7076,
-2.5880

11.9557, 5.3761,
-3.8731

13.7627, 2.0568,
-1.3295

11.1399, 7.0482,
-5.1766

14.7402, 0.4330,
-0.1026

10.3933, 8.6982,
-6.4815

15.7596, -1.1607,
1.0922

9.7249, 10.2882,
-7.7616

16.8161, -2.7237,
2.2561

9.1432, 11.7682,
-8.9806

17.9060, -4.2574,
3.3913

■ 8.5759, 13.3367,
-10.2832

■ 19.0259, -5.7638,
4.5005

■ 7.9686, 15.2045,
-11.8288

■ 20.1731, -7.2455,
5.5864

■ 7.8355, 15.6445,
-12.1921

■ 21.3451, -8.7054,
6.6519

■ 22.5399, -10.1459,
7.6994

Harmonies

Analogous

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



12.8324, 1.4134, -4.6630



12.8321, 3.7076, -2.5880



12.8324, 4.8377, 0.1124

Triad

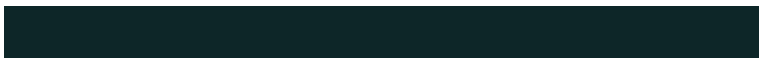
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.8324, 3.7073, -2.5877



12.8324, -0.0776, 4.6738



12.8324, -5.0799, -1.3918

Complementary

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



12.8321, 3.7076, -2.5880



14.6075, -4.7051, 3.6568

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.



12.8324, -5.4081, 1.2582



12.8321, 3.7076, -2.5880



12.8324, -2.6574, 4.4317

Square

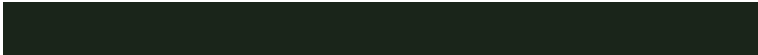
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12.8324, 3.7073, -2.5877



12.8324, 2.5397, 4.0365



12.8324, -4.5566, 3.2949



12.8324, -3.6204, -3.8795

Rectangle

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



12.8321, 3.7076, -2.5880



12.8324, 4.7189, 1.7734



12.8324, -4.5566, 3.2949



12.8324, -5.3210, -0.4783

Sweetspot

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



12.8324, 3.7073, -2.5877



18.8172, 0.6752, -0.2220



12.2426, 0.7037, -3.5124



10.1694, 0.4053, -0.1501



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.



12.8324, 3.7073, -2.5877



15.6405, 6.2698, -4.4841



12.7811, 3.2765, -0.5736



8.0465, 0.2323, -0.0530



14.9198, 29.8565, -23.7376



40.2581, 80.7066, -65.1731

Inverse Universe

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



12.6409, 2.5477, 1.4242



15.3328, 4.4236, 2.0596



14.6508, -4.3489, 2.1969



8.0172, 0.0512, 0.5389



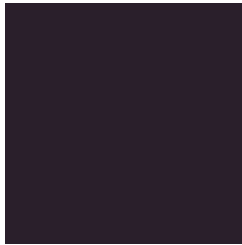
13.8098, 23.7610, 8.0611



37.4000, 64.1622, 23.2864

Previews

White Background



This preview shows how the HunterLab color 12.8321, 3.7076, -2.5880 looks on a white background.

Color Contrast Check

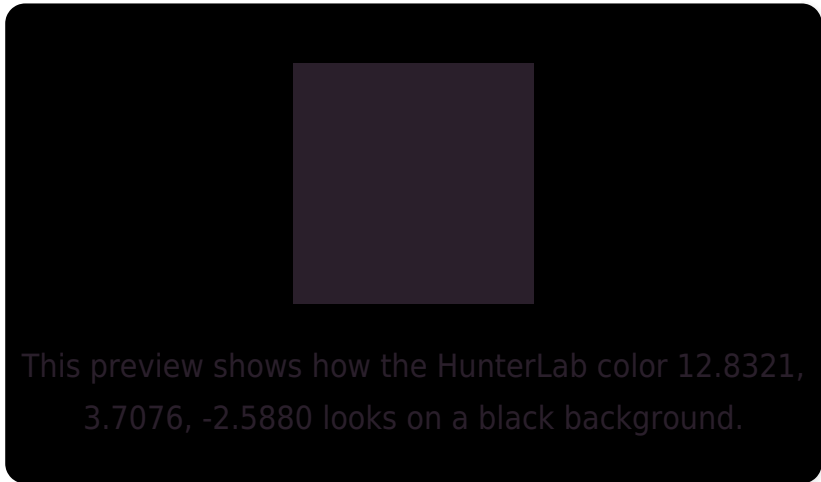
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.8321, 3.7076, -2.5880 Background



This preview shows how black text looks on a background with the HunterLab color 12.8321, 3.7076, -2.5880.



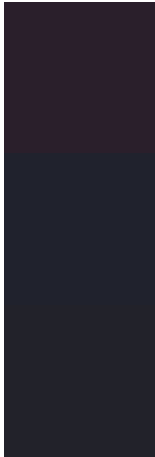
This preview shows how white text looks on a background with the HunterLab color 12.8321, 3.7076, -2.5880.

-2.5880.

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

12.8321, 3.7076, -2.5880

Protanopia

12.8086, 0.4588, -3.5913

Deuteranopia

12.8503, 0.4266, -2.1809



Tritanopia

12.9633, 1.5718, 0.7428

Trichromacy



Original Color

12.8321, 3.7076, -2.5880

Protanomaly

12.8243, 1.5819, -3.0866

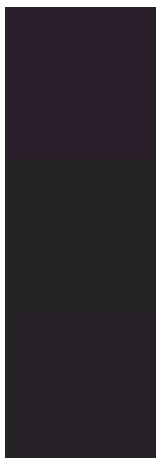
Deuteranomaly

12.8382, 1.5134, -2.1789

Tritanomaly

12.8233, 2.3480, -0.5356

Monochromacy



Original Color

12.8321, 3.7076, -2.5880

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.0484, 0.9349, -0.6650

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8321, 3.7076, -2.5880 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(42, 31, 43)` looks like.

```
.text, #text, p{  
    color:rgb(42, 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(42, 31, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 31, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8321, 3.7076, -2.5880 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(42, 31, 43) }
```


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

```
.border{ border-color:rgb(42, 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(42, 31, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 31, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 31, 43);  
box-shadow:4px 4px 4px 4px rgb(42, 31, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.8321, 3.7076, -2.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 31, 43) }
```

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

```
.background{ background-color: rgb(42, 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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