

Converting Colors

HunterLab(13.6678, -7.4030,
0.0209)

Have a look what the booklet for
HunterLab(13.6678, -7.4030, 0.0209)
contains.

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Color

**HunterLab(13.7842, -7.5449,
0.1056)**

Conversions

Conversions Part 1

Format	Color
Hex	042B27
RGB	4, 43, 39
RGB Percent	2%, 17%, 15%
CMY	0.9843, 0.8314, 0.8471
CMYK	0.91, 0.00, 0.09, 0.83
HSL	174°, 83%, 9%
HSV	174°, 91%, 17%
XYZ	1.2802, 1.9000, 2.2187
YIQ	30.8830, -21.9600, -9.5120

Conversions

Conversions Part 2

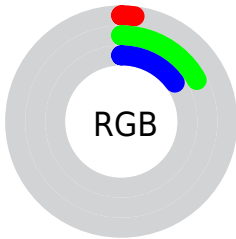
Format	Color
R_{YB}	4, 25, 43
Decimal	273191
CIE _{Lab}	14.95, -14.46, -1.26
CIE _{LCh}	15, 14.513, 184.975
Yxy	1.9001, 0.2371, 0.3519
Android (android.graphics.Color)	4278463271 (0xFF042B27)
YUV	30.8830, 4.0017, -23.5764
Hunter-Lab	13.7842, -7.5449, 0.1056

Details

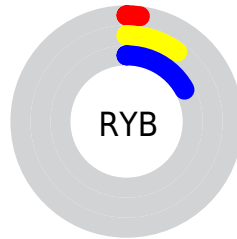
The HunterLab color **13.7842, -7.5449, 0.1056** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **7.8614, 10.8460, 3.3009**, and the grayscale version is **11.6622, -0.6223, 0.6336**.

A 20% lighter version of the original color is **29.1803, -10.7611, 0.7503**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.6806, -7.9792, 0.1252**, and if you desaturate by 10%, it is **13.8953, -7.0853, 0.0835**.

Distribution



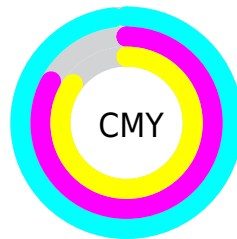
- Red (2%)
- Green (17%)
- Blue (15%)



- Red (2%)
- Yellow (10%)
- Blue (17%)



- Cyan (91%)
- Magenta (0%)
- Yellow (9%)
- Black (83%)



- Cyan (98%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.7842, -7.5449, 0.1056 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 13.7842, -7.5449, 0.1056 by changing the saturation by 10% instead.

■ 13.7842, -7.5449,
0.1056

■ 13.7842, -7.5449,
0.1056

■ 106.4741,
-20.3028, 4.5436

■ 7.4057, -8.9027,
-0.3014

■ 29.1126, -10.6814,
0.7653

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 38.0905, -12.1270,
1.1793

0.0000, NaN, NaN

■ 47.8387, -13.5303,
1.6409

0.0000, NaN, NaN

■ 58.3003, -14.9067,
2.1461

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 69.4299, -16.2661,
2.6914


0.0000, NaN, NaN


■ 81.1893, -17.6155,


0.0000, NaN, NaN


3.2741


 93.5466, -18.9599,
3.8921


 13.7842, -7.5449,
0.1056


 13.7842, -7.5449,
0.1056


 13.6806, -7.9792,
0.1252

 13.8953, -7.0853,
0.0835

 14.0099, -6.6153,
0.0657

 14.1474, -6.0612,
0.0769

 14.3105, -5.4153,
0.1207

 14.4998, -4.6791,
0.1976

■ 14.7157, -3.8556,
0.3076

■ 14.9580, -2.9487,
0.4501

■ 15.2268, -1.9634,
0.6244

■ 15.5216, -0.9053,
0.8292

Harmonies

Analogous

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



13.7845, -6.9922, 3.4816



13.7842, -7.5449, 0.1056



13.7845, -6.4488, -4.0935

Triad

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



13.7845, -7.5450, 0.1058



13.7845, 3.9168, -6.6222



13.7845, 2.6428, 5.8504

Complementary

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



13.7842, -7.5449, 0.1056



7.8614, 10.8460, 3.3009

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.



13.7845, 6.0910, 4.2968



13.7842, -7.5449, 0.1056



13.7845, 6.8829, -2.6874

Square

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



13.7845, -7.5450, 0.1058



13.7845, -0.0681, -8.6183



13.7845, 7.7202, 1.3652



13.7845, -1.3919, 6.2437

Rectangle

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



13.7842, -7.5449, 0.1056



13.7845, -4.8485, -6.6168



13.7845, 7.7202, 1.3652



13.7845, 3.9229, 5.4697

Sweetspot

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



13.7845, -7.5450, 0.1058



18.9209, -4.7118, 0.4283



13.3857, -10.1848, 7.5609



10.2558, -2.5308, 0.2353



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.



13.7845, -7.5450, 0.1058



17.5252, -10.2758, 0.2775



10.1645, -1.9371, -7.1023



8.3536, -0.9116, 0.3708



26.2280, -15.4790, 0.6320



71.1528, -42.3738, 2.5382

Inverse Universe

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



7.8614, 10.8460, 3.3009



9.2534, 15.9830, 4.9228



9.9322, 5.0884, 5.5232



8.0180, 0.0557, 0.5272



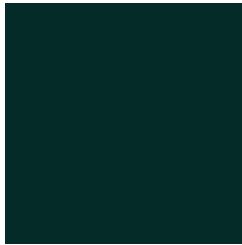
13.8227, 23.8086, 7.8710



37.4191, 64.2332, 23.0023

Previews

White Background



This preview shows how the HunterLab color 13.7842, -7.5449, 0.1056 looks on a white background.

Color Contrast Check

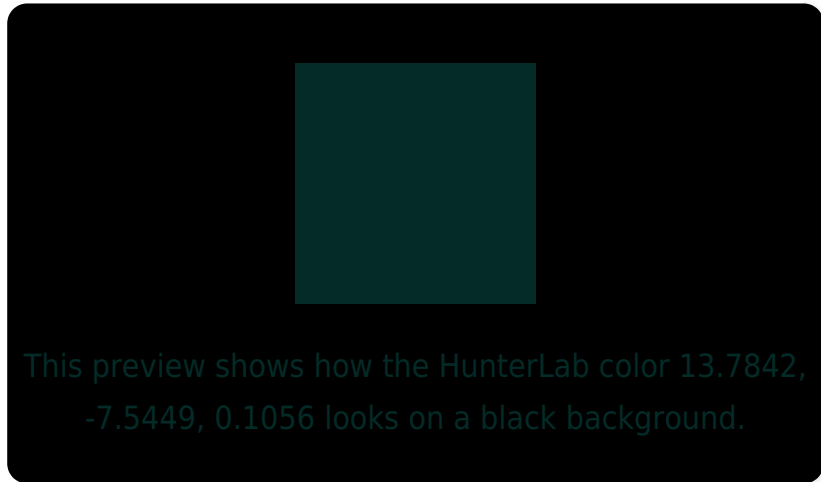
Large Text (above 18pt) WCAG AA ✓ Pass

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

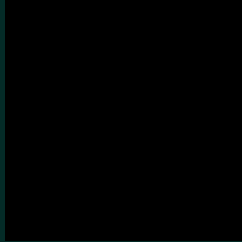
Any Text WCAG AA × Fail

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 13.7842, -7.5449, 0.1056 Background



This preview shows how black text looks on a background with the HunterLab color 13.7842, -7.5449, 0.1056.



This preview shows how white text looks on a background with the HunterLab color 13.7842, -7.5449,

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

13.7842, -7.5449, 0.1056

Protanopia

13.9461, -0.7494, 1.4846

Deuteranopia

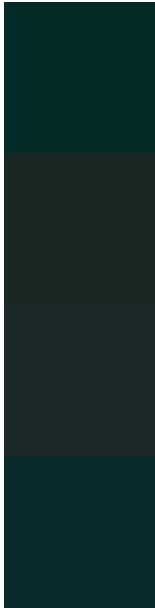
13.9562, 0.6326, 0.0824



Tritanopia

13.8439, -5.6646, -2.2011

Trichromacy



Original Color

13.7842, -7.5449, 0.1056

Protanomaly

13.6776, -4.1157, 0.7689

Deuteranomaly

13.6056, -2.9835, -0.4167

Tritanomaly

13.7185, -6.2576, -1.5340

Monochromacy



Original Color

13.7842, -7.5449, 0.1056

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.1531, -3.6572, 0.0416

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.7842, -7.5449, 0.1056 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(4, 43, 39)` looks like.

```
.text, #text, p{  
    color:rgb(4, 43, 39)  
}
```

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(4, 43, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 43, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 13.7842, -7.5449, 0.1056 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(4, 43, 39) }
```


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

```
.border{ border-color:rgb(4, 43, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 43, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 43, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 43, 39); box-shadow:4px  
4px 4px 4px rgb(4, 43, 39) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.7842, -7.5449, 0.1056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 43, 39) }
```

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

```
.background{ background-color: rgb(4, 43,  
39) }
```

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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