

Converting Colors

HunterLab(15.8346, -7.0755,
0.3568)

Have a look what the booklet for
HunterLab(15.8346, -7.0755, 0.3568)
contains.

HunterLab(15.8888, -7.1283, 0.4017)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(15.8888, -7.1283,
0.4017)**

Conversions

Conversions Part 1

Format	Color
Hex	13312D
RGB	19, 49, 45
RGB Percent	7%, 19%, 18%
CMY	0.9255, 0.8078, 0.8235
CMYK	0.61, 0.00, 0.08, 0.81
HSL	172°, 44%, 13%
HSV	172°, 61%, 19%
XYZ	1.8405, 2.5245, 2.8729
YIQ	39.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

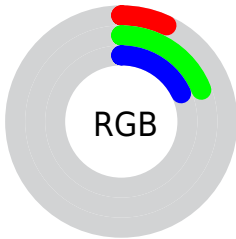
Format	Color
RYB	19, 35, 49
Decimal	1257773
CIELab	18.03, -12.41, -0.87
CIELCh	18, 12.441, 184.009
Yxy	2.5246, 0.2543, 0.3488
Android (android.graphics.Color)	4279447853 (0xFF13312D)
YUV	39.5740, 2.6750, -18.0434
Hunter-Lab	15.8888, -7.1283, 0.4017

Details

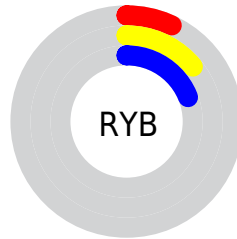
The HunterLab color **15.8888, -7.1283, 0.4017** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.8657, 8.1604, 2.4147**, and the grayscale version is **14.4248, -0.7697, 0.7837**.

A 20% lighter version of the original color is **31.7231, -9.5978, 0.8813**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.7333, -7.7672, 0.4496**, and if you desaturate by 10%, it is **16.0756, -6.3793, 0.3922**.

Distribution



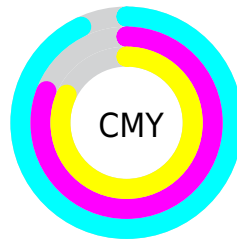
- Red (7%)
- Green (19%)
- Blue (18%)



- Red (7%)
- Yellow (14%)
- Blue (19%)



- Cyan (61%)
- Magenta (0%)
- Yellow (8%)
- Black (81%)



- Cyan (93%)
- Magenta (81%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.8888, -7.1283, 0.4017 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 15.8888, -7.1283, 0.4017 by changing the saturation by 10% instead.

■ 15.8888, -7.1283,
0.4017

■ 15.8888, -7.1283,
0.4017

■ 110.5609,
-18.6672, 5.1437

■ 9.4283, -6.2392,
0.1218

■ 31.7879, -9.8683,
1.1501

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.0095, -11.1604,
1.6016

0.0000, NaN, NaN

■ 50.9826, -12.4277,
2.0977

0.0000, NaN, NaN

■ 61.6541, -13.6809,
2.6348

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 72.9811, -14.9272,
3.2102


0.0000, NaN, NaN


■ 84.9276, -16.1715,


0.0000, NaN, NaN


3.8214


 97.4630, -17.4173,
4.4664


 15.8888, -7.1283,
0.4017


 15.8888, -7.1283,
0.4017


 15.7333, -7.7672,
0.4496


 16.0756, -6.3793,
0.3922


 15.6065, -8.2976,
0.5330


 16.2933, -5.5215,
0.4214

 15.4893, -8.7947,
0.6272

 16.5429, -4.5584,
0.4901

 15.3859, -9.2365,
0.7081

 16.8242, -3.4951,
0.5978

 17.1372, -2.3376,
0.7440

■ 17.4814, -1.0930,
0.9273

■ 17.8562, 0.2313,
1.1463

■ 18.2608, 1.6275,
1.3991

■ 18.6944, 3.0881,
1.6837

Harmonies

Analogous

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



15.8891, -6.5560, 3.4668



15.8888, -7.1283, 0.4017



15.8891, -6.1441, -3.2346

Triad

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



15.8891, -7.1284, 0.4019



15.8891, 3.1727, -5.5503



15.8891, 2.2703, 5.6831

Complementary

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



15.8888, -7.1283, 0.4017



10.8657, 8.1604, 2.4147

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.



15.8891, 5.2464, 4.0987



15.8888, -7.1283, 0.4017



15.8891, 5.7988, -2.2685

Square

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



15.8891, -7.1284, 0.4019



15.8891, -0.3663, -7.1179



15.8891, 6.5890, 1.3143



15.8891, -1.3254, 6.0941

Rectangle

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



15.8888, -7.1283, 0.4017



15.8891, -4.6819, -5.3720



15.8891, 6.5890, 1.3143



15.8891, 3.3864, 5.2903

Sweetspot

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



15.8891, -7.1284, 0.4019



21.7400, -4.1738, 0.8074



15.5944, -9.1953, 7.1057



11.9124, -2.3631, 0.4345



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



15.8891, -7.1284, 0.4019



20.1511, -10.4043, 0.6351



13.3368, -2.8321, -4.7497



9.8452, -1.1323, 0.4535



27.7978, -16.8918, 1.7197



72.8843, -44.7462, 5.4951

Inverse Universe

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



10.8657, 8.1604, 2.4147



12.4607, 13.4443, 3.9512



12.6630, 3.7201, 4.9831



9.4177, 0.1287, 0.6056



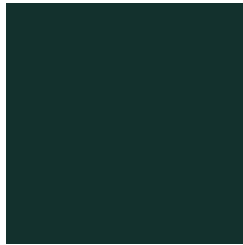
14.7056, 25.3626, 8.1159



38.4729, 66.1154, 23.0826

Previews

White Background



This preview shows how the HunterLab color 15.8888, -7.1283, 0.4017 looks on a white background.

Color Contrast Check

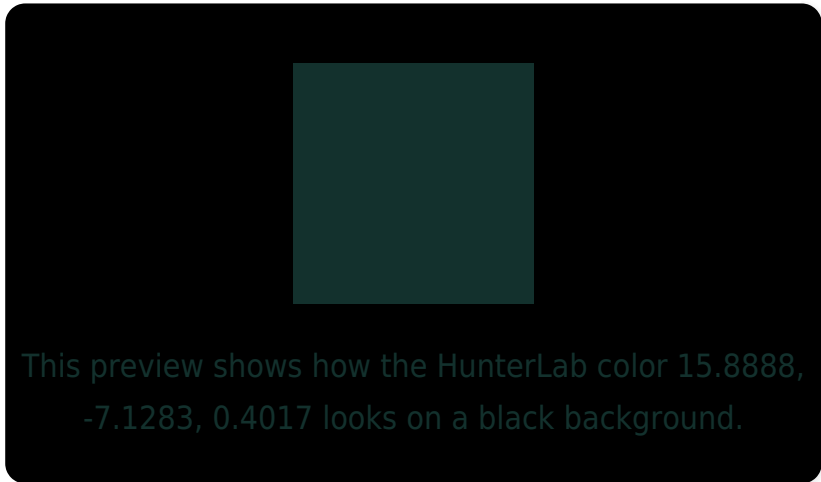
Large Text (above 18pt) WCAG AA ✓ Pass

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

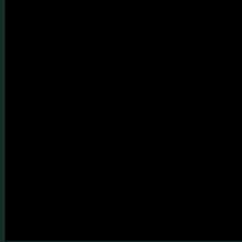
Any Text WCAG AA × Fail

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 15.8888, -7.1283, 0.4017 Background



This preview shows how black text looks on a background with the HunterLab color 15.8888, -7.1283, 0.4017.



This preview shows how white text looks on a background with the HunterLab color 15.8888, -7.1283, 0.4017.

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

15.8888, -7.1283, 0.4017

Protanopia

15.8947, -0.8545, 1.6084

Deuteranopia

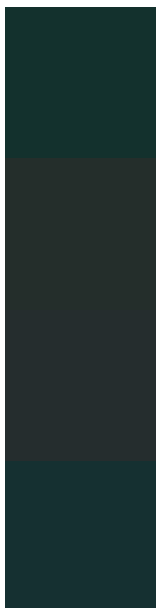
15.9039, 0.5562, 0.1736



Tritanopia

15.9136, -5.3291, -2.3917

Trichromacy



Original Color

15.8888, -7.1283, 0.4017

Protanomaly

15.8224, -3.5401, 1.1234

Deuteranomaly

15.7078, -2.5510, -0.1220

Tritanomaly

15.7958, -5.9392, -1.2774

Monochromacy



Original Color

15.8888, -7.1283, 0.4017

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.8391, -3.3845, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.8888, -7.1283, 0.4017 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(19, 49, 45)` looks like.

```
.text, #text, p{  
    color:rgb(19, 49, 45)  
}
```

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(19, 49, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 49, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 15.8888, -7.1283, 0.4017 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(19, 49, 45) }
```


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

```
.border{ border-color:rgb(19, 49, 45) }
```

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

Here you see how a box with a 4 pixel rgb(19, 49, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 49, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 49, 45);  
box-shadow:4px 4px 4px 4px rgb(19, 49, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.8888, -7.1283, 0.4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 49, 45) }
```

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

```
.background{ background-color: rgb(19, 49,  
45) }
```

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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