

Converting Colors

HunterLab(15.1734, -7.7413,
4.4314)

Have a look what the booklet for
HunterLab(15.1734, -7.7413, 4.4314)
contains.

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Color

**HunterLab(15.1952, -7.7466,
4.4349)**

Conversions

Conversions Part 1

Format	Color
Hex	172F1E
RGB	23, 47, 30
RGB Percent	9%, 18%, 12%
CMY	0.9098, 0.8157, 0.8824
CMYK	0.51, 0.00, 0.36, 0.82
HSL	137°, 34%, 14%
HSV	137°, 51%, 18%
XYZ	1.6042, 2.3089, 1.5894
YIQ	37.8860, -8.8470, -10.3750

Conversions

Conversions Part 2

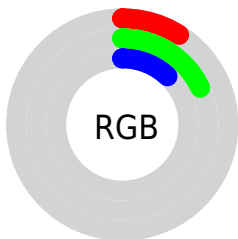
Format	Color
RYB	23, 42, 47
Decimal	1519390
CIELab	17.03, -14.12, 8.07
CIElCh	17, 16.266, 150.247
Yxy	2.3090, 0.2915, 0.4196
Android (android.graphics.Color)	4279709470 (0xFF172F1E)
YUV	37.8860, -3.8878, -13.0550
Hunter-Lab	15.1952, -7.7466, 4.4349

Details

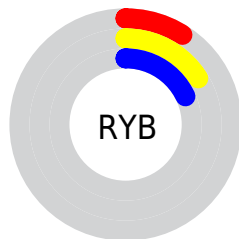
The HunterLab color **15.1952, -7.7466, 4.4349** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.7064, 7.9024, -2.8162**, and the grayscale version is **13.8999, -0.7417, 0.7552**.

A 20% lighter version of the original color is **30.8487, -10.7897, 6.3684**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.9742, -8.7327, 5.0470**, and if you desaturate by 10%, it is **15.4514, -6.6332, 3.7905**.

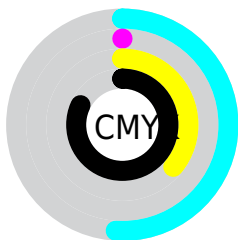
Distribution



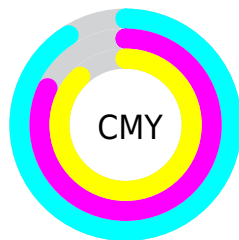
- Red (9%)
- Green (18%)
- Blue (12%)



- Red (9%)
- Yellow (16%)
- Blue (18%)



- Cyan (51%)
- Magenta (0%)
- Yellow (36%)
- Black (82%)



- Cyan (91%)
- Magenta (82%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.1952, -7.7466, 4.4349 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 15.1952, -7.7466, 4.4349 by changing the saturation by 10% instead.

■ 15.1952, -7.7466,
4.4349

■ 15.1952, -7.7466,
4.4349

109.2296,
-20.2476, 13.6933

■ 8.8232, -7.4454,
4.2726

■ 30.9115, -10.7825,
6.5149

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.0548, -12.1945,
7.5249

0.0000, NaN, NaN

■ 49.9554, -13.5702,
8.5323

0.0000, NaN, NaN

■ 60.5594, -14.9229,
9.5438

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 71.8227, -16.2615,
10.5633


0.0000, NaN, NaN


■ 83.7088, -17.5924,


0.0000, NaN, NaN


11.5936


 96.1867, -18.9200,
12.6365


 15.1952, -7.7466,
4.4349


 15.1952, -7.7466,
4.4349


 14.9742, -8.7327,
5.0470


 15.4514, -6.6332,
3.7905


 14.7871, -9.5854,
5.6212


 15.7420, -5.3992,
3.1187


 14.6325, -10.3053,
6.1520

 16.0669, -4.0536,
2.4251

 14.4904, -10.9720,
6.6197

 16.4254, -2.6065,
1.7150

 14.3668, -11.5512,
6.9785

 16.8169, -1.0682,
0.9933

■ 17.2403, 0.5509,
0.2645

■ 17.6944, 2.2405,
-0.4675

■ 18.1780, 3.9909,
-1.1992

■ 18.6900, 5.7933,
-1.9277

Harmonies

Analogous

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



15.1955, -5.0111, 6.4439



15.1952, -7.7466, 4.4349



15.1955, -8.6763, 0.7909

Triad

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



15.1955, -7.7468, 4.4350



15.1955, -0.7735, -10.2070



15.1955, 7.5993, 4.4811

Complementary

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



15.1952, -7.7466, 4.4349



11.7064, 7.9024, -2.8162

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.



15.1955, 9.0718, 0.8633



15.1952, -7.7466, 4.4349



15.1955, 3.9002, -8.3725

Square

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



15.1955, -7.7468, 4.4350



15.1955, -4.9526, -8.4289



15.1955, 7.6452, -3.9632



15.1955, 3.8265, 6.4644

Rectangle

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



15.1952, -7.7466, 4.4349



15.1955, -8.2446, -2.3785



15.1955, 7.6452, -3.9632



15.1955, 8.3984, 3.4578

Sweetspot

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



15.1955, -7.7468, 4.4350



20.8864, -4.2550, 2.6430



15.9692, -4.9854, 6.7431



11.1570, -2.2919, 1.4212



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.



15.1955, -7.7468, 4.4350



19.1608, -11.6133, 6.7417



15.4306, -6.3630, 1.0518



9.0656, -1.1803, 0.8217



26.1521, -21.4504, 13.6173



69.6760, -57.9384, 37.9835

Inverse Universe

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



11.7064, 7.9024, -2.8162



13.7087, 13.0308, -4.5289



11.4105, 6.4812, 1.3704



8.7426, 0.2507, 0.1470



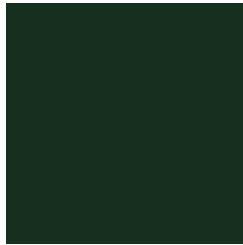
15.3402, 28.4960, -7.3386



40.7238, 75.2855, -16.6665

Previews

White Background



This preview shows how the HunterLab color 15.1952, -7.7466, 4.4349 looks on a white background.

Color Contrast Check

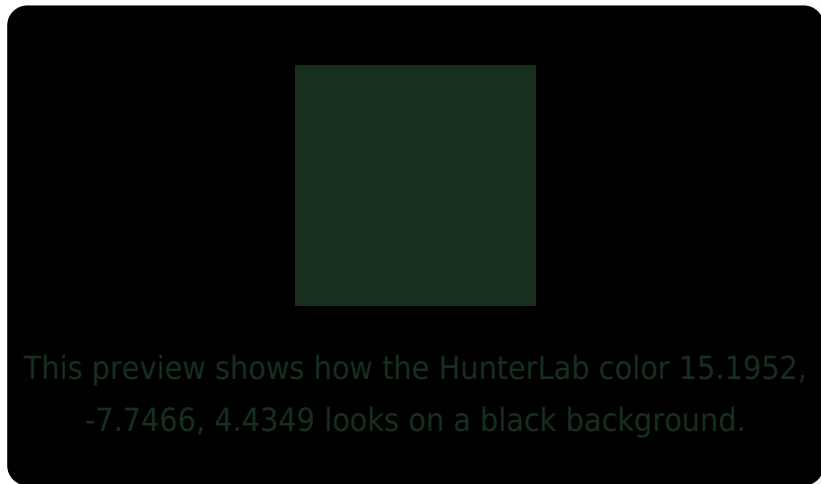
Large Text (above 18pt) WCAG AA ✓ Pass

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

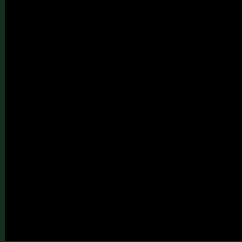
Any Text WCAG AA × Fail

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 15.1952, -7.7466, 4.4349 Background



This preview shows how black text looks on a background with the HunterLab color 15.1952, -7.7466, 4.4349.



This preview shows how white text looks on a background with the HunterLab color 15.1952, -7.7466,

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

15.1952, -7.7466, 4.4349

Protanopia

15.2336, -1.2987, 5.0883

Deuteranopia

15.0826, 0.6615, 3.9336



Tritanopia

15.2874, -3.9752, -1.4946

Trichromacy



Original Color

15.1952, -7.7466, 4.4349

Protanomaly

15.1728, -3.9437, 4.7381

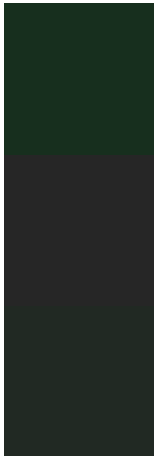
Deuteranomaly

15.0924, -2.9197, 4.1562

Tritanomaly

15.2764, -5.6636, 1.1722

Monochromacy



Original Color

15.1952, -7.7466, 4.4349

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.2498, -3.3475, 2.1060

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.1952, -7.7466, 4.4349 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(23, 47, 30)` looks like.

```
.text, #text, p{  
    color:rgb(23, 47, 30)  
}
```

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(23, 47, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 47, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 15.1952, -7.7466, 4.4349 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(23, 47, 30) }
```


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

```
.border{ border-color:rgb(23, 47, 30) }
```

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

Here you see how a box with a 4 pixel rgb(23, 47, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 47, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 47, 30);  
box-shadow:4px 4px 4px 4px rgb(23, 47, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.1952, -7.7466, 4.4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 47, 30) }
```

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

```
.background{ background-color: rgb(23, 47,  
30) }
```

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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