

Converting Colors

HunterLab(15.1179, -7.5200,
4.2113)

Have a look what the booklet for
HunterLab(15.1179, -7.5200, 4.2113)
contains.

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Color

**HunterLab(15.2122, -7.6453,
4.1874)**

Conversions

Conversions Part 1

Format	Color
Hex	172F1F
RGB	23, 47, 31
RGB Percent	9%, 18%, 12%
CMY	0.9098, 0.8157, 0.8784
CMYK	0.51, 0.00, 0.34, 0.82
HSL	140°, 34%, 14%
HSV	140°, 51%, 18%
XYZ	1.6172, 2.3141, 1.6578
YIQ	38.0000, -9.1680, -10.0640

Conversions

Conversions Part 2

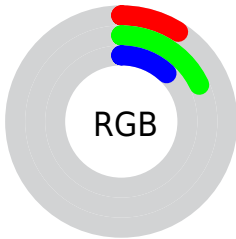
Format	Color
RYB	23, 41, 47
Decimal	1519391
CIELab	17.06, -13.88, 7.42
CIElCh	17, 15.743, 151.864
Yxy	2.3142, 0.2893, 0.4140
Android (android.graphics.Color)	4279709471 (0xFF172F1F)
YUV	38.0000, -3.4510, -13.1550
Hunter-Lab	15.2122, -7.6453, 4.1874

Details

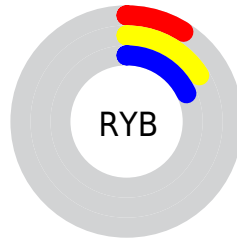
The HunterLab color **15.2122, -7.6453, 4.1874** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.6776, 7.7658, -2.4144**, and the grayscale version is **13.9352, -0.7435, 0.7571**.

A 20% lighter version of the original color is **30.8707, -10.6626, 6.0511**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.9928, -8.6207, 4.7759**, and if you desaturate by 10%, it is **15.4663, -6.5460, 3.5752**.

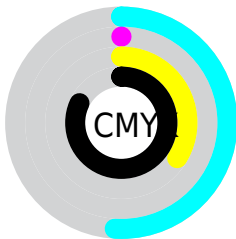
Distribution



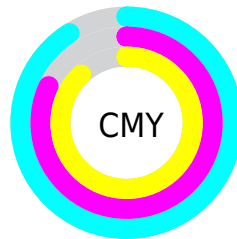
- Red (9%)
- Green (18%)
- Blue (12%)



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



- Cyan (51%)
- Magenta (0%)
- Yellow (34%)
- Black (82%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.2122, -7.6453, 4.1874 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 15.2122, -7.6453, 4.1874 by changing the saturation by 10% instead.

■ 15.2122, -7.6453,
4.1874

■ 15.2122, -7.6453,
4.1874

109.2624,
-20.0140, 13.0958

■ 8.8386, -7.3165,
3.9628

■ 30.9330, -10.6414,
6.1618

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.0783, -12.0370,
7.1282

0.0000, NaN, NaN

■ 49.9807, -13.3977,
8.0961

0.0000, NaN, NaN

■ 60.5863, -14.7366,
9.0711

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 71.8512, -16.0624,
10.0566


0.0000, NaN, NaN


■ 83.7388, -17.3812,


0.0000, NaN, NaN

11.0550


 96.2182, -18.6973,
12.0677


 15.2122, -7.6453,
4.1874


 15.2122, -7.6453,
4.1874


 14.9928, -8.6207,
4.7759


 15.4663, -6.5460,
3.5752


 14.8066, -9.4664,
5.3353


 15.7540, -5.3292,
2.9441


 14.6524, -10.1830,
5.8602

 16.0756, -4.0038,
2.2991

 14.5101, -10.8499,
6.3301

 16.4302, -2.5792,
1.6450

 14.3859, -11.4320,
6.6974

 16.8173, -1.0655,
0.9862

■ 17.2358, 0.5273,
0.3267

■ 17.6846, 2.1892,
-0.3302

■ 18.1626, 3.9109,
-0.9817

■ 18.6684, 5.6836,
-1.6253

Harmonies

Analogous

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



15.2125, -5.0705, 6.2452



15.2122, -7.6453, 4.1874



15.2125, -8.4536, 0.5609

Triad

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



15.2125, -7.6455, 4.1875



15.2125, -0.5332, -9.7582



15.2125, 7.1565, 4.5283

Complementary

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



15.2122, -7.6453, 4.1874



11.6776, 7.7658, -2.4144

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.



15.2125, 8.7171, 1.0905



15.2122, -7.6453, 4.1874



15.2125, 3.9724, -7.8321

Square

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



15.2125, -7.6455, 4.1875



15.2125, -4.6402, -8.2386



15.2125, 7.4906, -3.5312



15.2125, 3.4356, 6.3985

Rectangle

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



15.2122, -7.6453, 4.1874



15.2125, -7.9659, -2.5252



15.2125, 7.4906, -3.5312



15.2125, 7.9692, 3.5578

Sweetspot

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



15.2125, -7.6455, 4.1875



20.8952, -4.2057, 2.5174



15.9191, -5.1726, 6.6995



11.1618, -2.2652, 1.3534



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.



15.2125, -7.6455, 4.1875



19.1853, -11.4659, 6.3856



15.4492, -6.2542, 0.7857



9.0676, -1.1693, 0.7933



26.1842, -21.2503, 13.1453



69.7528, -57.4584, 36.8512

Inverse Universe

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



11.6776, 7.7658, -2.4144



13.6601, 12.8132, -3.8536



11.3937, 6.4001, 1.6097



8.7404, 0.2392, 0.1773



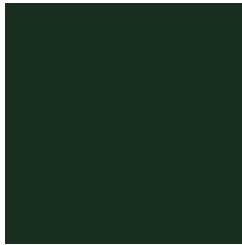
15.2161, 28.0523, -5.6273



40.3775, 74.0443, -11.8664

Previews

White Background



This preview shows how the HunterLab color 15.2122, -7.6453, 4.1874 looks on a white background.

Color Contrast Check

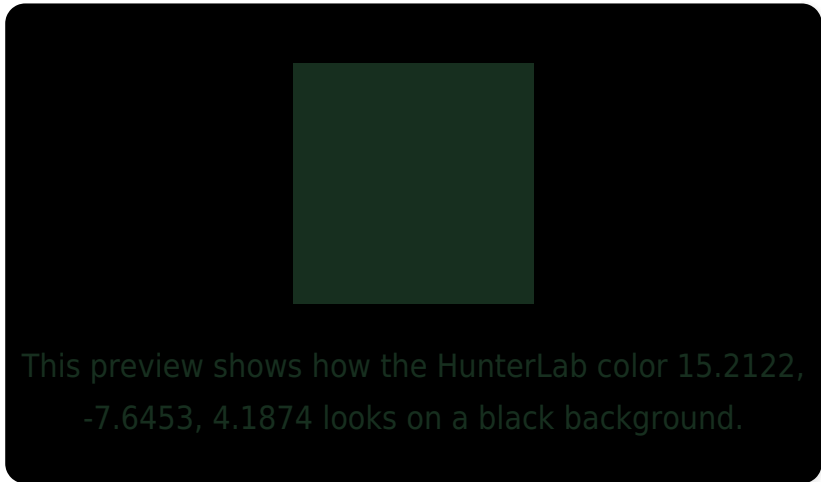
Large Text (above 18pt) WCAG AA ✓ Pass

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

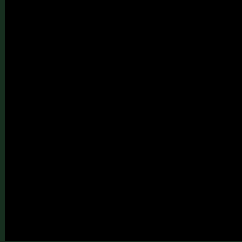
Any Text WCAG AA × Fail

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 15.2122, -7.6453, 4.1874 Background



This preview shows how black text looks on a background with the HunterLab color 15.2122, -7.6453, 4.1874.



This preview shows how white text looks on a background with the HunterLab color 15.2122, -7.6453,

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

15.2122, -7.6453, 4.1874

Protanopia

15.1741, -1.4758, 4.7825

Deuteranopia

15.0826, 0.6615, 3.9336



Tritanopia

15.2420, -4.1428, -1.5579

Trichromacy



Original Color

15.2122, -7.6453, 4.1874

Protanomaly

15.1275, -4.0776, 4.4360

Deuteranomaly

15.1101, -2.8201, 3.8995

Tritanomaly

15.2996, -5.5297, 0.8420

Monochromacy



Original Color

15.2122, -7.6453, 4.1874

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 15.2122, -7.6453, 4.1874 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, 31)` looks like.

```
.text, #text, p{  
    color:rgb(23, 47, 31)  
}
```

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, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 47, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 15.2122, -7.6453, 4.1874 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, 31) }
```


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

```
.border{ border-color:rgb(23, 47, 31) }
```

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, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 47, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 47, 31);  
box-shadow:4px 4px 4px 4px rgb(23, 47, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.2122, -7.6453, 4.1874 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, 31) }
```

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

```
.background{ background-color: rgb(23, 47,  
31) }
```

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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