

Converting Colors

HunterLab(15.2657, -12.2229,
7.8734)

Have a look what the booklet for
HunterLab(15.2657, -12.2229,
7.8734) contains.

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Color

**HunterLab(15.2337,
-12.2231, 7.8192)**

Conversions

Conversions Part 1

Format	Color
Hex	02320C
RGB	2, 50, 12
RGB Percent	1%, 20%, 5%
CMY	0.9922, 0.8039, 0.9529
CMYK	0.96, 0.00, 0.76, 0.80
HSL	133°, 92%, 10%
HSV	133°, 96%, 20%
XYZ	1.2320, 2.3207, 0.7308
YIQ	31.3160, -16.4100, -21.9940

Conversions

Conversions Part 2

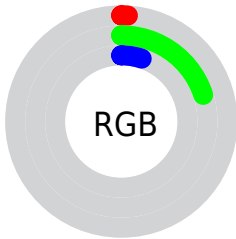
Format	Color
R_{YB}	2, 42, 50
Decimal	143884
CIE _{Lab}	17.09, -25.17, 19.01
CIE _{LCh}	17, 31.537, 142.936
Yxy	2.3208, 0.2876, 0.5418
Android (android.graphics.Color)	4278333964 (0xFF02320C)
YUV	31.3160, -9.5228, -25.7101
Hunter-Lab	15.2337, -12.2231, 7.8192

Details

The HunterLab color **15.2337, -12.2231, 7.8192** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.3529, 16.4619, -6.6746**, and the grayscale version is **11.8370, -0.6316, 0.6431**.

A 20% lighter version of the original color is **30.9273, -17.1575, 11.5844**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.1794, -12.4793, 7.9663**, and if you desaturate by 10%, it is **15.3745, -11.5627, 7.3870**.

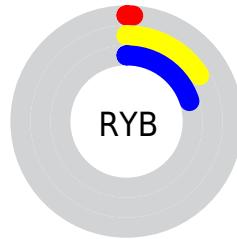
Distribution



Red (1%)

Green (20%)

Blue (5%)



Red (1%)

Yellow (16%)

Blue (20%)

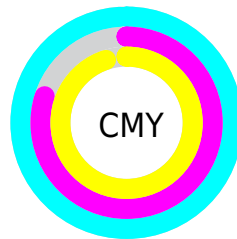


Cyan (96%)

Magenta (0%)

Yellow (76%)

Black (80%)



Cyan (99%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.2337, -12.2231, 7.8192 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 15.2337, -12.2231, 7.8192 by changing the saturation by 10% instead.

■ 15.2337, -12.2231,
7.8192

■ 15.2337, -12.2231,
7.8192

■ 109.3038,
-30.9948, 23.2623

■ 8.8581, -12.8528,
6.2007

■ 30.9603, -17.1479,
11.7302

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.1080, -19.3400,
13.5232

0.0000, NaN, NaN

■ 50.0127, -21.4246,
15.2395

0.0000, NaN, NaN

■ 60.6204, -23.4310,
16.9018

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 71.8873, -25.3790,
18.5258


0.0000, NaN, NaN


■ 83.7768, -27.2825,


0.0000, NaN, NaN


20.1222


 96.2579, -29.1519,
21.6990


 15.2337, -12.2231,
7.8192


 15.2337, -12.2231,
7.8192


 15.1794, -12.4793,
7.9663

 15.3745, -11.5627,
7.3870

 15.5231, -10.8621,
6.8620

 15.7032, -10.0274,
6.2634

 15.9215, -9.0369,
5.6000

 16.1786, -7.8951,
4.8771

■ 16.4750, -6.6095,
4.1009

■ 16.8103, -5.1897,
3.2782

■ 17.1841, -3.6468,
2.4158

■ 17.5954, -1.9931,
1.5205

Harmonies

Analogous

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



15.2340, -6.9363, 10.5502



15.2337, -12.2231, 7.8192



15.2340, -14.3684, 2.7017

Triad

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



15.2340, -12.2233, 7.8193



15.2340, -2.8653, -25.8618



15.2340, 18.4105, 5.9145

Complementary

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



15.2337, -12.2231, 7.8192



9.3529, 16.4619, -6.6746

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.



15.2340, 20.2094, -1.3159



15.2337, -12.2231, 7.8192



15.2340, 6.4606, -23.1368

Square

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



15.2340, -12.2233, 7.8193



15.2340, -9.8314, -18.7717



15.2340, 15.4244, -12.6401



15.2340, 10.9586, 9.4949

Rectangle

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



15.2337, -12.2231, 7.8192



15.2340, -14.1816, -3.2927



15.2340, 15.4244, -12.6401



15.2340, 19.7572, 4.0474

Sweetspot

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



15.2340, -12.2233, 7.8193



21.0362, -7.3701, 4.6080



16.5677, -6.9892, 9.8810



11.5210, -4.1489, 2.5893



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.



15.2340, -12.2233, 7.8193



19.1532, -15.8686, 10.3159



15.5536, -10.2560, 3.1633



9.8092, -1.3320, 0.9673



26.8925, -22.4544, 14.8593



70.4894, -59.4789, 40.2922

Inverse Universe

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



9.3529, 16.4619, -6.6746



11.4716, 21.6882, -8.4227



8.7188, 14.0942, 2.1780



9.4549, 0.3296, 0.0756



16.0834, 30.3443, -11.3204



42.0432, 79.0471, -27.4594

Previews

White Background



This preview shows how the HunterLab color 15.2337, -12.2231, 7.8192 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 15.2337, -12.2231, 7.8192 Background



This preview shows how black text looks on a background with the HunterLab color 15.2337, -12.2231, 7.8192.



This preview shows how white text looks on a background with the HunterLab color 15.2337,

-12.2231, 7.8192.

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

15.2337, -12.2231, 7.8192

Protanopia

15.4209, -2.2436, 8.3590

Deuteranopia

15.4278, 0.2448, 7.6269



Tritanopia

15.5652, -5.4329, -1.9984

Trichromacy



Original Color

15.2337, -12.2231, 7.8192

Protanomaly

15.0647, -7.3758, 7.9076

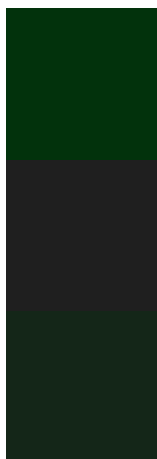
Deuteranomaly

14.7511, -5.8892, 7.1699

Tritanomaly

15.2795, -8.5558, 2.7888

Monochromacy



Original Color

15.2337, -12.2231, 7.8192

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.6527, -5.9680, 3.6426

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.2337, -12.2231, 7.8192 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(2, 50, 12)` looks like.

```
.text, #text, p{  
    color:rgb(2, 50, 12)  
}
```

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(2, 50, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 50, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 15.2337, -12.2231, 7.8192 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(2, 50, 12) }
```


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

```
.border{ border-color:rgb(2, 50, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 50, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 50, 12); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 50, 12); box-shadow:4px  
4px 4px 4px rgb(2, 50, 12) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.2337, -12.2231, 7.8192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 50, 12) }
```

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

```
.background{ background-color: rgb(2, 50,  
12) }
```

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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