

Converting Colors

HunterLab(15.8361, -12.2388,
6.8008)

Have a look what the booklet for
HunterLab(15.8361, -12.2388,
6.8008) contains.

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Color

**HunterLab(15.8637,
-12.2802, 6.9086)**

Conversions

Conversions Part 1

Format	Color
Hex	013415
RGB	1, 52, 21
RGB Percent	0%, 20%, 8%
CMY	0.9961, 0.7961, 0.9176
CMYK	0.98, 0.00, 0.60, 0.80
HSL	144°, 96%, 10%
HSV	144°, 98%, 20%
XYZ	1.3759, 2.5166, 1.1227
YIQ	33.2170, -20.4450, -20.4530

Conversions

Conversions Part 2

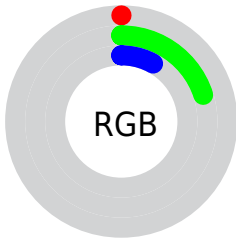
Format	Color
R_YB	1, 38, 52
Decimal	78869
CIE Lab	17.99, -24.67, 15.08
CIE LCh	18, 28.911, 148.563
Yxy	2.5167, 0.2743, 0.5018
Android (android.graphics.Color)	4278268949 (0xFF013415)
YUV	33.2170, -6.0230, -28.2543
Hunter-Lab	15.8637, -12.2802, 6.9086

Details

The HunterLab color **15.8637, -12.2802, 6.9086** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.2525, 16.3692, -2.7689**, and the grayscale version is **12.4238, -0.6629, 0.6750**.

A 20% lighter version of the original color is **31.6606, -17.0487, 10.1272**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.8366, -12.4096, 6.9943**, and if you desaturate by 10%, it is **16.0084, -11.5992, 6.4280**.

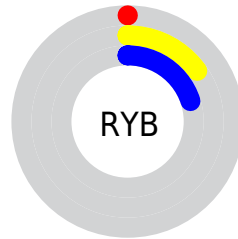
Distribution



Red (0%)

Green (20%)

Blue (8%)



Red (0%)

Yellow (15%)

Blue (20%)

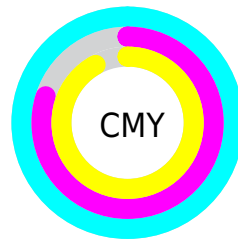


Cyan (98%)

Magenta (0%)

Yellow (60%)

Black (80%)



Cyan (100%)

Magenta (80%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.8637, -12.2802, 6.9086 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 15.8637, -12.2802, 6.9086 by changing the saturation by 10% instead.

■ 15.8637, -12.2802,
6.9086

■ 15.8637, -12.2802,
6.9086

■ 110.5129,
-30.6835, 20.0719

■ 9.4073, -11.9283,
6.5851

■ 31.7563, -17.0757,
10.1639

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.9751, -19.2206,
11.6609

0.0000, NaN, NaN

■ 50.9456, -21.2645,
13.1108

0.0000, NaN, NaN

■ 61.6147, -23.2349,
14.5298

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.9394, -25.1504,
15.9289

0.0000, NaN, NaN

■ 84.8837, -27.0243,

0.0000, NaN, NaN

17.3155

■ 97.4171, -28.8662,
18.6952

■ 15.8637, -12.2802,
6.9086

■ 15.8637, -12.2802,
6.9086

■ 15.8366, -12.4096,
6.9943

■ 16.0084, -11.5992,
6.4280

■ 16.1574, -10.8978,
5.8882

■ 16.3335, -10.0851,
5.3110

■ 16.5464, -9.1265,
4.7092

■ 16.7971, -8.0254,
4.0884

■ 17.0861, -6.7877,
3.4541

■ 17.4132, -5.4219,
2.8117

■ 17.7781, -3.9375,
2.1663

■ 18.1802, -2.3455,
1.5226

Harmonies

Analogous

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



15.8640, -7.7686, 9.6332



15.8637, -12.2802, 6.9086



15.8640, -13.8389, 1.2389

Triad

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



15.8640, -12.2804, 6.9087



15.8640, -1.2448, -22.9858



15.8640, 15.7100, 6.5350

Complementary

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



15.8637, -12.2802, 6.9086



9.2525, 16.3692, -2.7689

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.



15.8640, 18.4271, 0.4788



15.8637, -12.2802, 6.9086



15.8640, 7.5111, -19.0466

Square

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



15.8640, -12.2804, 6.9087



15.8640, -8.3308, -18.2726



15.8640, 15.1624, -9.2487



15.8640, 8.3463, 9.4438

Rectangle

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



15.8637, -12.2802, 6.9086



15.8640, -13.3012, -4.7584



15.8640, 15.1624, -9.2487



15.8640, 17.2563, 4.9702

Sweetspot

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



15.8640, -12.2804, 6.9087



22.7606, -7.5881, 3.9060



16.6511, -9.3796, 9.9939



12.2988, -4.2407, 2.1762



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



15.8640, -12.2804, 6.9087



20.7773, -16.4568, 9.5558



16.3101, -9.5578, 0.4676



9.8191, -1.2773, 0.8266



27.0329, -21.5782, 12.7923



70.8186, -57.4207, 35.4376

Inverse Universe

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



9.2525, 16.3692, -2.7689



11.9408, 21.8399, -3.0665



8.7580, 14.5352, 4.3000



9.4443, 0.2724, 0.2265



15.5078, 28.2903, -3.4100



40.4630, 73.3943, -5.6376

Previews

White Background



This preview shows how the HunterLab color 15.8637, -12.2802, 6.9086 looks on a white background.

Color Contrast Check

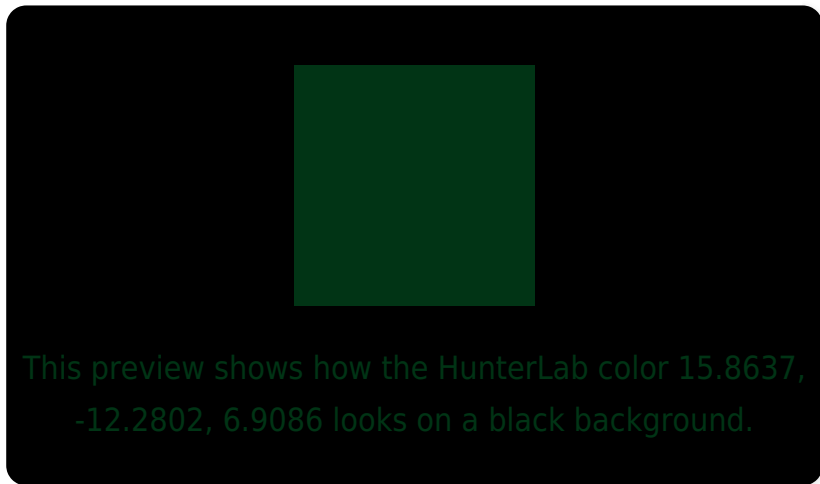
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8637, -12.2802, 6.9086 Background



This preview shows how black text looks on a background with the HunterLab color 15.8637, -12.2802, 6.9086.



This preview shows how white text looks on a background with the HunterLab color 15.8637,

-12.2802, 6.9086.

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

15.8637, -12.2802, 6.9086

Protanopia

16.1304, -1.9870, 7.6401

Deuteranopia

16.1429, 0.5470, 6.7829



Tritanopia

16.1651, -5.6502, -2.4918

Trichromacy



Original Color

15.8637, -12.2802, 6.9086

Protanomaly

15.7210, -7.3138, 7.0632

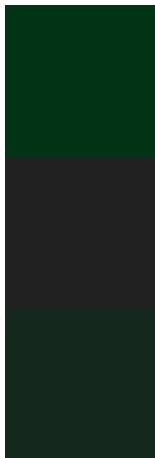
Deuteranomaly

15.4051, -5.8151, 6.2709

Tritanomaly

15.9206, -8.5549, 1.8479

Monochromacy



Original Color

15.8637, -12.2802, 6.9086

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

13.2880, -5.9277, 2.8978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.8637, -12.2802, 6.9086 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(1, 52, 21)` looks like.

```
.text, #text, p{  
    color:rgb(1, 52, 21)  
}
```

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(1, 52, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 52, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 15.8637, -12.2802, 6.9086 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(1, 52, 21) }
```


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

```
.border{ border-color:rgb(1, 52, 21) }
```

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

Here you see how a box with a 4 pixel rgb(1, 52, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 52, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 52, 21); box-shadow:4px  
4px 4px 4px rgb(1, 52, 21) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.8637, -12.2802, 6.9086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 52, 21) }
```

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

```
.background{ background-color: rgb(1, 52,  
21) }
```

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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