

Converting Colors

HunterLab(12.8771, -0.1705,
6.7295)

Have a look what the booklet for
HunterLab(12.8771, -0.1705, 6.7295)
contains.

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Color

**HunterLab(12.9513, -0.3705,
6.7909)**

Conversions

Conversions Part 1

Format	Color
Hex	2B2209
RGB	43, 34, 9
RGB Percent	17%, 13%, 4%
CMY	0.8314, 0.8667, 0.9647
CMYK	0.00, 0.21, 0.79, 0.83
HSL	44°, 65%, 10%
HSV	44°, 79%, 17%
XYZ	1.6176, 1.6774, 0.4970
YIQ	33.8410, 13.3890, -5.8670

Conversions

Conversions Part 2

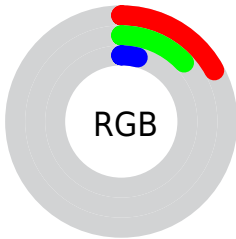
Format	Color
R_{YB}	21, 43, 9
Decimal	2826761
CIE Lab	13.69, 0.62, 16.50
CIE LCh	14, 16.514, 87.849
Yxy	1.6774, 0.4266, 0.4424
Android (android.graphics.Color)	4281016841 (0xFF2B2209)
YUV	33.8410, -12.2466, 8.0324
Hunter-Lab	12.9513, -0.3705, 6.7909

Details

The HunterLab color **12.9513, -0.3705, 6.7909** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **8.1553, 2.4724, -11.5472**, and the grayscale version is **12.6321, -0.6740, 0.6863**.

A 20% lighter version of the original color is **27.9815, -1.2078, 10.0842**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.6650, -0.1480, 7.1696**, and if you desaturate by 10%, it is **13.2428, -0.5840, 6.3993**.

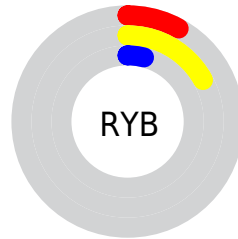
Distribution



Red (17%)

Green (13%)

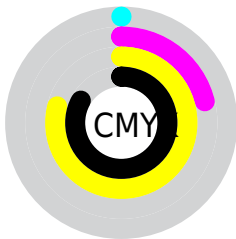
Blue (4%)



Red (8%)

Yellow (17%)

Blue (4%)

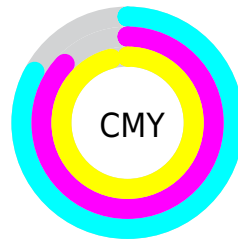


Cyan (0%)

Magenta (21%)

Yellow (79%)

Black (83%)



Cyan (83%)

Magenta (87%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9513, -0.3705, 6.7909 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 12.9513, -0.3705, 6.7909 by changing the saturation by 10% instead.

■ 12.9513, -0.3705,
6.7909

■ 12.9513, -0.3705,
6.7909

■ 104.8150, -4.9567,
20.6745

■ 6.3952, 0.0807,
4.4766

■ 28.0397, -1.0835,
10.1004

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.9159, -1.5181,
11.7331

0.0000, NaN, NaN

■ 46.5703, -1.9974,
13.2982

0.0000, NaN, NaN

■ 56.9448, -2.5177,
14.8179

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.9924, -3.0759,
16.3067

0.0000, NaN, NaN

■ 79.6744, -3.6698,

0.0000, NaN, NaN

17.7745

■ 91.9580, -4.2973,
19.2287

■ 12.9513, -0.3705,
6.7909

■ 12.9513, -0.3705,
6.7909

■ 12.6650, -0.1480,
7.1696

■ 13.2428, -0.5840,
6.3993

■ 12.3804, 0.0706,
7.5749

■ 13.5447, -0.7526,
5.9023

■ 12.3540, 0.0907,
7.6141

■ 13.8574, -0.8751,
5.2973

■ 14.1808, -0.9520,
4.5862

■ 14.5148, -0.9837,
3.7713

■ 14.8589, -0.9713,
2.8559

■ 15.2131, -0.9158,
1.8434

■ 15.5770, -0.8185,
0.7375

■ 15.9503, -0.6809,
-0.4578

Harmonies

Analogous

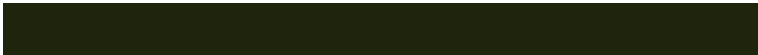
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.9516, 4.1521, 5.9843



12.9513, -0.3705, 6.7909



12.9516, -4.4303, 6.1826

Triad

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



12.9516, -0.3710, 6.7910



12.9516, -7.3867, -3.6728



12.9516, 7.3245, -4.3818

Complementary

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



12.9513, -0.3705, 6.7909



8.1553, 2.4724, -11.5472

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.



12.9516, 3.5258, -8.6829



12.9513, -0.3705, 6.7909



12.9516, -4.9142, -8.1861

Square

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



12.9516, -0.3710, 6.7910



12.9516, -8.1423, 1.0049



12.9516, -1.0094, -10.2662



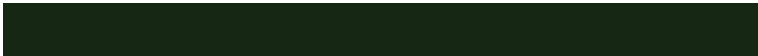
12.9516, 8.9504, 0.3977

Rectangle

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



12.9513, -0.3705, 6.7909



12.9516, -6.4135, 5.0563



12.9516, -1.0094, -10.2662



12.9516, 6.2363, -5.9847

Sweetspot

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



12.9516, -0.3710, 6.7910



18.7605, -1.2615, 4.4252



8.6768, 9.5778, 1.5842



10.1589, -0.6835, 2.4083



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



12.9516, -0.3710, 6.7910



15.8282, 0.2641, 9.4562



14.5119, -5.6099, 7.7880



8.3259, -0.4945, 0.9357



23.0733, 1.2860, 14.2402



61.3181, 5.8680, 37.8866

Inverse Universe

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



8.1553, 2.4724, -11.5472



8.3829, 5.5678, -21.2896



6.9883, 7.2778, -14.9567



8.0399, -0.3652, -0.0716



11.0757, 11.2104, -38.0437



27.5060, 37.8797, -116.1515

Previews

White Background



This preview shows how the HunterLab color 12.9513, -0.3705, 6.7909 looks on a white background.

Color Contrast Check

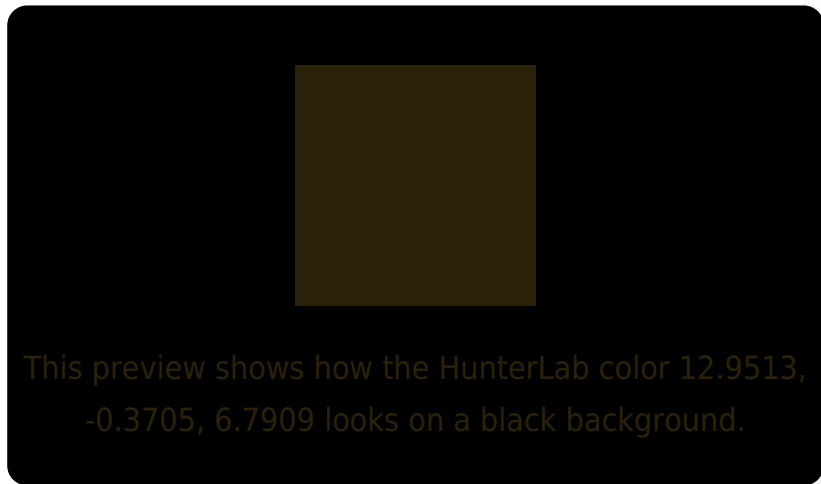
Large Text (above 18pt) WCAG AA ✓ Pass

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

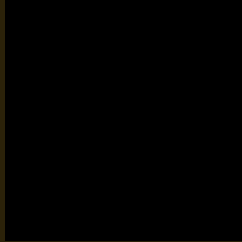
Any Text WCAG AA × Fail

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 12.9513, -0.3705, 6.7909 Background



This preview shows how black text looks on a background with the HunterLab color 12.9513, -0.3705, 6.7909.

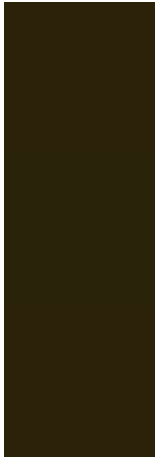


This preview shows how white text looks on a background with the HunterLab color 12.9513, -0.3705, 6.7909.

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

12.9513, -0.3705, 6.7909

Protanopia

12.9341, -1.5828, 6.7575

Deuteranopia

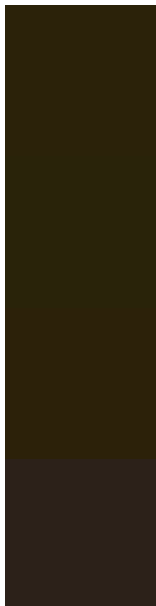
12.8176, 0.2949, 6.7078



Tritanopia

13.0629, 2.9309, 1.2317

Trichromacy



Original Color

12.9513, -0.3705, 6.7909

Protanomaly

13.0123, -1.3061, 6.8177

Deuteranomaly

12.8176, 0.2949, 6.7078

Tritanomaly

13.0130, 1.3424, 3.8517

Monochromacy



Original Color

12.9513, -0.3705, 6.7909

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.6789, -0.9234, 3.4958

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9513, -0.3705, 6.7909 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(43, 34, 9)` looks like.

```
.text, #text, p{  
    color:rgb(43, 34, 9)  
}
```

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(43, 34, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 34, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9513, -0.3705, 6.7909 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(43, 34, 9) }
```


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

```
.border{ border-color:rgb(43, 34, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 34, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 34, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(43, 34, 9); box-shadow:4px  
4px 4px 4px rgb(43, 34, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.9513, -0.3705, 6.7909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 34, 9) }
```

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

```
.background{ background-color: rgb(43, 34,  
9) }
```

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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