

Converting Colors

HunterLab(13.0519, 13.9707,
3.1518)

Have a look what the booklet for
HunterLab(13.0519, 13.9707,
3.1518) contains.

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Color

**HunterLab(13.0870, 13.9435,
3.0421)**

Conversions

Conversions Part 1	
Format	Color
Hex	42131D
RGB	66, 19, 29
RGB Percent	26%, 7%, 11%
CMY	0.7412, 0.9255, 0.8863
CMYK	0.00, 0.71, 0.56, 0.74
HSL	347°, 55%, 17%
HSV	347°, 71%, 26%
XYZ	2.7014, 1.7127, 1.3506
YIQ	34.1930, 24.8020, 13.0740

Conversions

Conversions Part 2

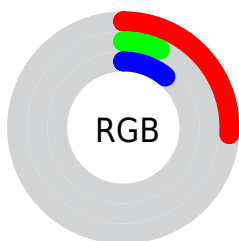
Format	Color
RYB	66, 19, 29
Decimal	4330269
CIELab	13.90, 23.70, 5.26
CIELCh	14, 24.279, 12.505
Yxy	1.7128, 0.4686, 0.2971
Android (android.graphics.Color)	4282520349 (0xFF42131D)
YUV	34.1930, -2.5601, 27.8947
Hunter-Lab	13.0870, 13.9435, 3.0421

Details

The HunterLab color **13.0870, 13.9435, 3.0421** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **20.7857, -11.2072, 1.9388**, and the grayscale version is **12.7114, -0.6782, 0.6906**.

A 20% lighter version of the original color is **28.1364, 16.3542, 4.7046**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.2319, 15.7479, 3.6759**, and if you desaturate by 10%, it is **14.1286, 11.9004, 2.5011**.

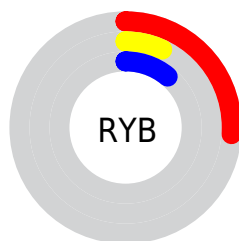
Distribution



Red (26%)

Green (7%)

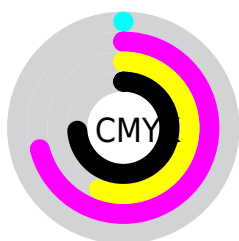
Blue (11%)



Red (26%)

Yellow (7%)

Blue (11%)

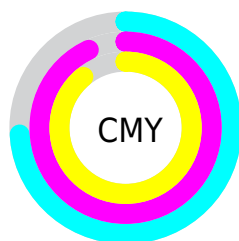


Cyan (0%)

Magenta (71%)

Yellow (56%)

Black (74%)



Cyan (74%)


Magenta (93%)


Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 13.0870, 13.9435, 3.0421 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 13.0870, 13.9435, 3.0421 by changing the saturation by 10% instead.

 13.0870, 13.9435,
3.0421

 13.0870, 13.9435,
3.0421


 105.0872, 20.0605,
10.7653

 6.5720, 15.6030,
3.6735


 28.2152, 16.1267,
4.6749

0.0000, NaN, NaN

0.0000, NaN, NaN


 37.1082, 16.9975,
5.4950

0.0000, NaN, NaN


 46.7781, 17.7441,
6.3282

0.0000, NaN, NaN

0.0000, NaN, NaN

 57.1670, 18.3819,
7.1776

0.0000, NaN, NaN


 68.2281, 18.9233,
8.0451


0.0000, NaN, NaN


0.0000, NaN, NaN


 79.9228, 19.3783,


8.9319


 92.2186, 19.7551,
9.8386

 13.0870, 13.9435,
3.0421


 13.0870, 13.9435,
3.0421

 12.2319, 15.7479,
3.6759


 14.1286, 11.9004,
2.5011

 11.5321, 17.3380,
4.3315

 15.3340, 9.7349,
2.0650

 10.9090, 18.9736,
4.7885

 16.6813, 7.5276,
1.7338

 18.1503, 5.3296,
1.4996

 19.7233, 3.1689,
1.3511

■ 21.3859, 1.0579,
1.2768

■ 23.1260, -1.0003,
1.2657

■ 24.9337, -3.0075,
1.3083

■ 26.8010, -4.9681,
1.3965

Harmonies

Analogous

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



13.0874, 13.5476, -3.4080



13.0870, 13.9435, 3.0421



13.0874, 9.8958, 6.7655

Triad

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



13.0874, 13.9425, 3.0424



13.0874, -8.1439, 7.2389



13.0874, -4.2616, -16.5512

Complementary

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



13.0870, 13.9435, 3.0421



20.7857, -11.2072, 1.9388

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.



13.0874, -8.7245, -10.1911



13.0870, 13.9435, 3.0421



13.0874, -10.6453, 3.8167

Square

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



13.0874, 13.9425, 3.0424



13.0874, -3.3067, 9.0772



13.0874, -10.8346, -2.1447



13.0874, 2.1303, -17.1202

Rectangle

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



13.0870, 13.9435, 3.0421



13.0874, 5.6125, 8.3911



13.0874, -10.8346, -2.1447



13.0874, -6.0029, -14.9153

Sweetspot

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



13.0874, 13.9425, 3.0424



25.8430, 4.3763, 1.7912



13.0180, 16.1185, -15.1710



13.0472, 2.3692, 0.9195



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



13.0874, 13.9425, 3.0424



15.4497, 22.2317, 5.5272



15.0184, 8.0600, 6.9627



11.5869, 0.2649, 0.6725



16.0892, 27.8809, 7.8565



40.1528, 69.2890, 21.8681

Inverse Universe

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



13.0874, 13.9425, 3.0424



15.4497, 22.2317, 5.5272



17.4623, -4.8943, -6.8258



11.5869, 0.2649, 0.6725



16.0892, 27.8809, 7.8565



40.1528, 69.2890, 21.8681

Previews

White Background



This preview shows how the HunterLab color 13.0870, 13.9435, 3.0421 looks on a white background.

Color Contrast Check

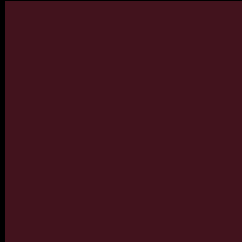
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 13.0870, 13.9435, 3.0421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

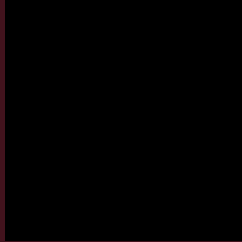
Any Text WCAG AA × Fail

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 13.0870, 13.9435, 3.0421 Background



This preview shows how black text looks on a background with the HunterLab color 13.0870, 13.9435, 3.0421.

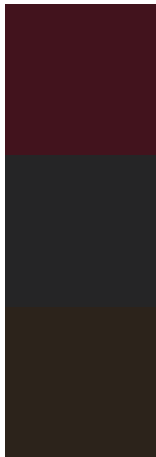


This preview shows how white text looks on a background with the HunterLab color 13.0870, 13.9435,

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

13.0870, 13.9435, 3.0421

Protanopia

13.6249, -0.5977, 0.4056

Deuteranopia

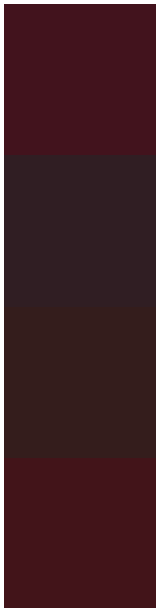
13.4784, 0.7485, 3.7572



Tritanopia

13.2382, 12.6963, 4.9800

Trichromacy



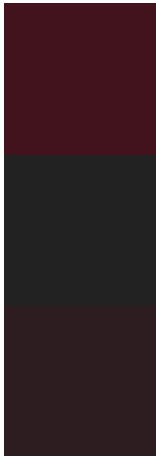
Original Color
13.0870, 13.9435, 3.0421

Protanomaly
12.9548, 4.7013, 0.7876

Deuteranomaly
13.0101, 5.5662, 3.1076

Tritanomaly
13.1482, 13.2711, 4.1869

Monochromacy



Original Color
13.0870, 13.9435, 3.0421

Achromatopsia
12.6476, -0.6748, 0.6872

Achromatomaly
12.5054, 4.1908, 1.3004

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0870, 13.9435, 3.0421 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(66, 19, 29)` looks like.

```
.text, #text, p{  
    color:rgb(66, 19, 29)  
}
```

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(66, 19, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 19, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0870, 13.9435, 3.0421 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(66, 19, 29) }
```


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

```
.border{ border-color:rgb(66, 19, 29) }
```

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

Here you see how a box with a 4 pixel rgb(66, 19, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 19, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 19, 29);  
box-shadow:4px 4px 4px 4px rgb(66, 19, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.0870, 13.9435, 3.0421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 19, 29) }
```

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

```
.background{ background-color: rgb(66, 19,  
29) }
```

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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