

Converting Colors

HunterLab(16.4533, 16.7099,
-13.3559)

Have a look what the booklet for
HunterLab(16.4533, 16.7099,
-13.3559) contains.

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Color

**HunterLab(16.4370, 16.7210,
-13.5899)**

Conversions

Conversions Part 1

Format	Color
Hex	451E4B
RGB	69, 30, 75
RGB Percent	27%, 12%, 29%
CMY	0.7294, 0.8823, 0.7059
CMYK	0.08, 0.60, 0.00, 0.71
HSL	292°, 43%, 21%
HSV	292°, 60%, 29%
XYZ	4.1885, 2.7017, 6.9573
YIQ	46.7910, 8.7990, 22.2630

Conversions

Conversions Part 2

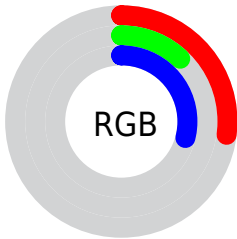
Format	Color
RYB	69, 30, 75
Decimal	4529739
CIELab	18.81, 26.57, -19.94
CIElCh	19, 33.226, 323.113
Yxy	2.7019, 0.3025, 0.1951
Android (android.graphics.Color)	4282719819 (0xFF451E4B)
YUV	46.7910, 13.9070, 19.4773
Hunter-Lab	16.4370, 16.7210, -13.5899

Details

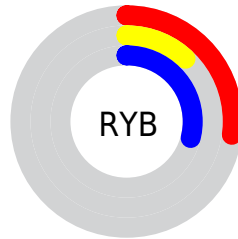
The HunterLab color **16.4370, 16.7210, -13.5899** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23.4542, -14.5750, 11.0919**, and the grayscale version is **16.7445, -0.8934, 0.9098**.

A 20% lighter version of the original color is **32.4747, 19.1886, -14.4678**, and **5.6439, 11.4182, -9.9403** is the 20% darker color. If you saturate the color by 10%, you get **15.2648, 19.4823, -16.1077**, and if you desaturate by 10%, it is **17.7896, 13.7514, -10.9830**.

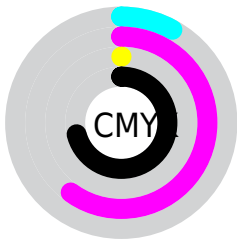
Distribution



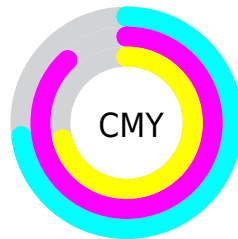
- Red (27%)
- Green (12%)
- Blue (29%)



- Red (27%)
- Yellow (12%)
- Blue (29%)



- Cyan (8%)
- Magenta (60%)
- Yellow (0%)
- Black (71%)



- Cyan (73%)
- Magenta (88%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4370, 16.7210, -13.5899 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 16.4370, 16.7210, -13.5899 by changing the saturation by 10% instead.

■ 16.4370, 16.7210,
-13.5899

■ 16.4370, 16.7210,
-13.5899

■ 111.6032, 23.5083,
-15.8712

■ 9.8901, 15.3487,
-13.2042

■ 32.4772, 19.0303,
-14.5057

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.7596, 19.9743,
-14.8918

0.0000, NaN, NaN

■ 51.7887, 20.7977,
-15.2116

0.0000, NaN, NaN

■ 62.5127, 21.5141,
-15.4649

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 73.8891, 22.1348,
-15.6542


0.0000, NaN, NaN


■ 85.8825, 22.6691,


0.0000, NaN, NaN


-15.7828


 98.4626, 23.1248,
-15.8541


 16.4370, 16.7210,
-13.5899


 16.4370, 16.7210,
-13.5899


 15.2648, 19.4823,
-16.1077


 17.7896, 13.7514,
-10.9830

 14.2934, 21.8880,
-18.4214


 19.2990, 10.6878,
-8.3713

 13.5245, 23.8227,
-20.4311

 20.9446, 7.6046,
-5.8045

 12.7745, 25.8526,
-22.5710

 22.7077, 4.5464,
-3.3086

 12.7744, 25.8531,
-22.5715

 24.5725, 1.5363,
-0.8931

■ 26.5260, -1.4160,
1.4417

■ 28.5571, -4.3090,
3.7008

■ 30.6568, -7.1456,
5.8917

■ 32.8179, -9.9309,
8.0222

Harmonies

Analogous

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



16.4374, 7.0455, -24.9704



16.4370, 16.7210, -13.5899



16.4374, 21.8563, -1.3621

Triad

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



16.4374, 16.7205, -13.5893



16.4374, 1.4033, 11.5061



16.4374, -14.6831, -7.6363

Complementary

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



16.4370, 16.7210, -13.5899



23.4542, -14.5750, 11.0919

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.



16.4374, -15.5241, 2.8709



16.4370, 16.7210, -13.5899



16.4374, -7.5369, 11.0349

Square

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



16.4374, 16.7205, -13.5893



16.4374, 11.7868, 10.0302



16.4374, -13.2268, 8.3579



16.4374, -10.5861, -20.3654

Rectangle

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



16.4370, 16.7210, -13.5899



16.4374, 21.3381, 4.4121



16.4374, -13.2268, 8.3579



16.4374, -15.3103, -3.6271

Sweetspot

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



16.4374, 16.7205, -13.5893



29.8825, 5.3929, -3.8824



14.3035, 5.3739, -18.6850



14.8157, 3.0227, -2.2039



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



16.4374, 16.7205, -13.5893



19.2517, 26.8971, -22.4205



16.5381, 15.7692, -4.1247



13.1042, 0.6047, -0.3073



17.4746, 35.4154, -31.2624



42.2064, 85.7491, -77.1397

Inverse Universe

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



15.9746, 13.2143, 3.8797



18.5900, 21.6147, 6.3987



23.4722, -14.0443, 7.5570



13.0626, 0.3060, 0.8600



16.8980, 29.1195, 9.5140



41.0332, 70.5065, 24.6855

Previews

White Background



This preview shows how the HunterLab color 16.4370, 16.7210, -13.5899 looks on a white background.

Color Contrast Check

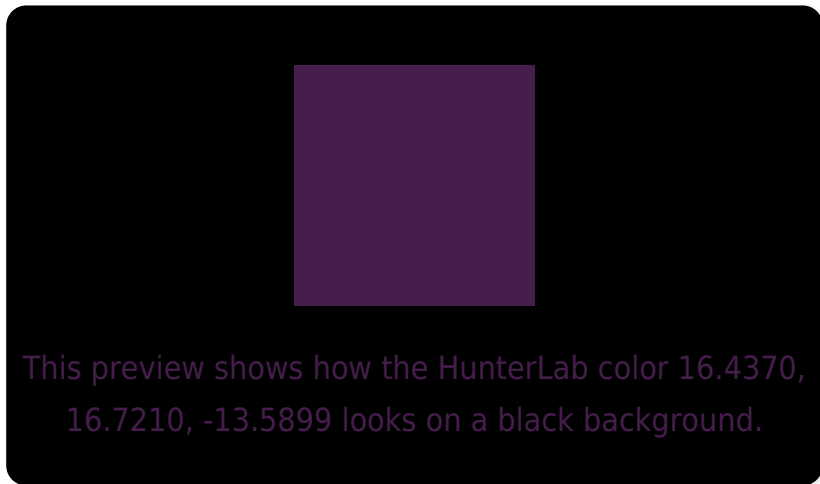
Large Text (above 18pt) WCAG AA ✓ Pass

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

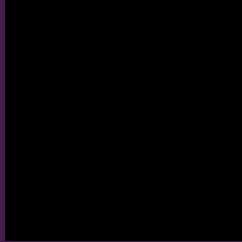
Any Text WCAG AA × Fail

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 16.4370, 16.7210, -13.5899 Background



This preview shows how black text looks on a background with the HunterLab color 16.4370, 16.7210, -13.5899.



This preview shows how white text looks on a background with the HunterLab color 16.4370, 16.7210, -13.5899.

-13.5899.

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

16.4370, 16.7210, -13.5899

Protanopia

16.6056, 3.7345, -23.4476

Deuteranopia

16.8552, 0.6419, -11.1687



Tritanopia

16.5591, 6.8467, 2.4804

Trichromacy



Original Color

16.4370, 16.7210, -13.5899

Protanomaly

16.0304, 7.1153, -21.0195

Deuteranomaly

16.3440, 5.9953, -12.6902

Tritanomaly

16.3901, 9.9087, -2.3520

Monochromacy



Original Color

16.4370, 16.7210, -13.5899

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.4119, 5.0717, -3.7823

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4370, 16.7210, -13.5899 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(69, 30, 75)` looks like.

```
.text, #text, p{  
    color:rgb(69, 30, 75)  
}
```

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(69, 30, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 30, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4370, 16.7210, -13.5899 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(69, 30, 75) }
```


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

```
.border{ border-color:rgb(69, 30, 75) }
```

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

Here you see how a box with a 4 pixel rgb(69, 30, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 30, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 30, 75);  
box-shadow:4px 4px 4px 4px rgb(69, 30, 75)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.4370, 16.7210, -13.5899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 30, 75) }
```

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

```
.background{ background-color: rgb(69, 30,  
75) }
```

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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