

Converting Colors

HunterLab(16.4579, 12.0331,
2.8602)

Have a look what the booklet for
HunterLab(16.4579, 12.0331,
2.8602) contains.

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Color

**HunterLab(16.4428, 12.1313,
2.7800)**

Conversions

Conversions Part 1

Format	Color
Hex	4A2129
RGB	74, 33, 41
RGB Percent	29%, 13%, 16%
CMY	0.7098, 0.8706, 0.8392
CMYK	0.00, 0.55, 0.45, 0.71
HSL	348°, 38%, 21%
HSV	348°, 55%, 29%
XYZ	3.7681, 2.7037, 2.4211
YIQ	46.1710, 21.8680, 11.1800

Conversions

Conversions Part 2

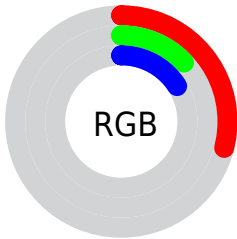
Format	Color
RYB	74, 33, 41
Decimal	4858153
CIELab	18.82, 20.42, 3.79
CIElCh	19, 20.769, 10.508
Yxy	2.7038, 0.4237, 0.3040
Android (android.graphics.Color)	4283048233 (0xFF4A2129)
YUV	46.1710, -2.5493, 24.4060
Hunter-Lab	16.4428, 12.1313, 2.7800

Details

The HunterLab color **16.4428, 12.1313, 2.7800** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **23.6945, -10.8837, 1.5117**, and the grayscale version is **16.5890, -0.8851, 0.9013**.

A 20% lighter version of the original color is **32.5942, 13.7876, 4.3108**, and **5.1323, 8.8319, 2.9854** is the 20% darker color. If you saturate the color by 10%, you get **15.1617, 14.5402, 3.3656**, and if you desaturate by 10%, it is **17.9042, 9.6303, 2.3105**.

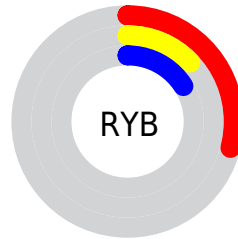
Distribution



Red (29%)

Green (13%)

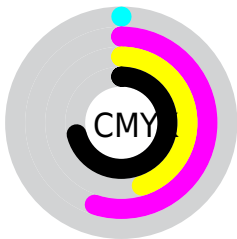
Blue (16%)



Red (29%)

Yellow (13%)

Blue (16%)

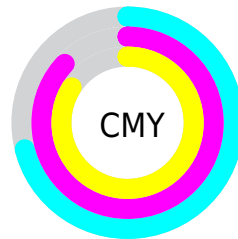


Cyan (0%)

Magenta (55%)

Yellow (45%)

Black (71%)



Cyan (71%)

Magenta (87%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4428, 12.1313, 2.7800 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 16.4428, 12.1313, 2.7800 by changing the saturation by 10% instead.

■ 16.4428, 12.1313,
2.7800

■ 16.4428, 12.1313,
2.7800

■ 111.6143, 16.4306,
9.8135

■ 9.8951, 11.0388,
2.1456

■ 32.4846, 13.8256,
4.1899

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.7676, 14.4715,
4.9233

0.0000, NaN, NaN

■ 51.7973, 15.0075,
5.6794

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.5219, 15.4473,
6.4590

0.0000, NaN, NaN

■ 73.8988, 15.8017,
7.2623

0.0000, NaN, NaN

■ 85.8927, 16.0792,

0.0000, NaN, NaN

8.0893

98.4733, 16.2869,
8.9398

16.4428, 12.1313,
2.7800

16.4428, 12.1313,
2.7800

15.1617, 14.5402,
3.3656

17.9042, 9.6303,
2.3105

14.0861, 16.7424,
4.0564

19.5189, 7.1182,
1.9529

13.2404, 18.5874,
4.8233

21.2648, 4.6391,
1.6974

12.5329, 20.2756,
5.5349

23.1228, 2.2149,
1.5313

12.2014, 21.1650,
5.7940

25.0771, -0.1466,
1.4421

■ 27.1150, -2.4460,
1.4183

■ 29.2261, -4.6878,
1.4500

■ 31.4018, -6.8783,
1.5288

■ 33.6352, -9.0242,
1.6478

Harmonies

Analogous

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



16.4432, 11.5272, -3.2224



16.4428, 12.1313, 2.7800



16.4432, 8.8875, 6.5641

Triad

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



16.4432, 12.1303, 2.7803



16.4432, -7.7458, 7.2619



16.4432, -4.5674, -13.2480

Complementary

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



16.4428, 12.1313, 2.7800



23.6945, -10.8837, 1.5117

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.



16.4432, -8.7907, -7.9909



16.4428, 12.1313, 2.7800



16.4432, -10.4346, 4.1635

Square

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



16.4432, 12.1303, 2.7803



16.4432, -2.9377, 8.4799



16.4432, -10.7874, -1.2438



16.4432, 1.2879, -14.0420

Rectangle

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



16.4428, 12.1313, 2.7800



16.4432, 5.2214, 7.8873



16.4432, -10.7874, -1.2438



16.4432, -6.2008, -11.8739

Sweetspot

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



16.4432, 12.1303, 2.7803



29.9507, 3.6402, 2.0611



16.5336, 14.3947, -12.7924



14.9411, 1.9532, 1.0426



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.



16.4432, 12.1303, 2.7803



19.5278, 20.1530, 4.7181



18.6160, 6.2415, 6.9972



13.0679, 0.3350, 0.7833



16.9556, 29.3327, 8.6639



41.1437, 70.9161, 23.0499

Inverse Universe

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



16.4432, 12.1303, 2.7803



19.5278, 20.1530, 4.7181



20.5684, -5.0154, -6.0887



13.0679, 0.3350, 0.7833



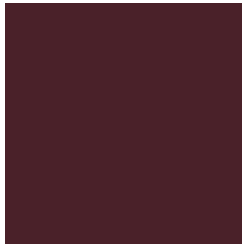
16.9556, 29.3327, 8.6639



41.1437, 70.9161, 23.0499

Previews

White Background



This preview shows how the HunterLab color 16.4428, 12.1313, 2.7800 looks on a white background.

Color Contrast Check

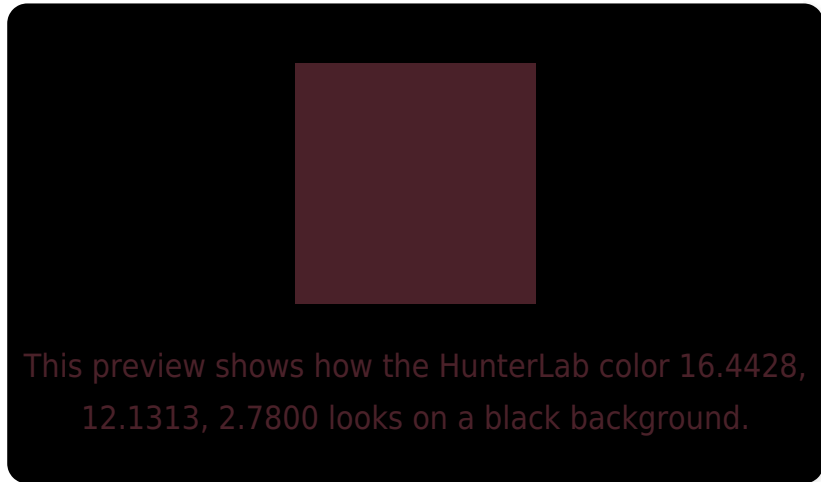
Large Text (above 18pt) WCAG AA ✓ Pass

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

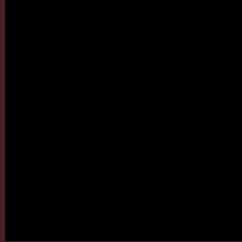
Any Text WCAG AA × Fail

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 16.4428, 12.1313, 2.7800 Background



This preview shows how black text looks on a background with the HunterLab color 16.4428, 12.1313, 2.7800.



This preview shows how white text looks on a background with the HunterLab color 16.4428, 12.1313,

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

16.4428, 12.1313, 2.7800

Protanopia

16.6485, -0.3709, 0.2938

Deuteranopia

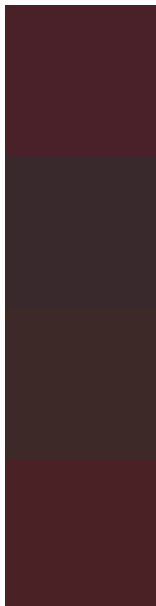
16.7557, 0.7824, 3.5465



Tritanopia

16.5145, 11.2487, 4.3808

Trichromacy



Original Color

16.4428, 12.1313, 2.7800

Protanomaly

16.2641, 3.9577, 1.0408

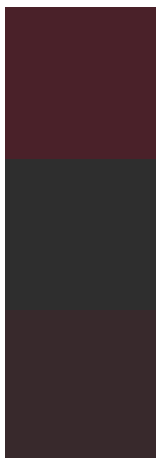
Deuteranomaly

16.5263, 4.5665, 3.0613

Tritanomaly

16.5525, 11.4288, 3.8313

Monochromacy



Original Color

16.4428, 12.1313, 2.7800

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.1508, 3.5490, 1.2666

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4428, 12.1313, 2.7800 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(74, 33, 41)` looks like.

```
.text, #text, p{  
    color:rgb(74, 33, 41)  
}
```

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(74, 33, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 33, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4428, 12.1313, 2.7800 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(74, 33, 41) }
```


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

```
.border{ border-color:rgb(74, 33, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 33, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 33, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 33, 41);  
box-shadow:4px 4px 4px 4px rgb(74, 33, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.4428, 12.1313, 2.7800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 33, 41) }
```

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

```
.background{ background-color: rgb(74, 33,  
41) }
```

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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