

Converting Colors

HunterLab(14.9791, 12.9770,
4.6069)

Have a look what the booklet for
HunterLab(14.9791, 12.9770,
4.6069) contains.

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Color

**HunterLab(15.0177, 12.9279,
4.6309)**

Conversions

Conversions Part 1

Format	Color
Hex	481B1E
RGB	72, 27, 30
RGB Percent	28%, 11%, 12%
CMY	0.7176, 0.8941, 0.8824
CMYK	0.00, 0.62, 0.58, 0.72
HSL	356°, 45%, 19%
HSV	356°, 62%, 28%
XYZ	3.2988, 2.2553, 1.4897
YIQ	40.7970, 25.8570, 10.4730

Conversions

Conversions Part 2

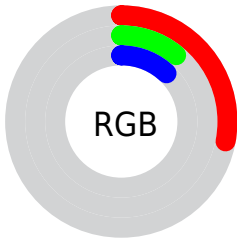
Format	Color
RYB	72, 27, 30
Decimal	4725534
CIELab	16.77, 21.83, 8.67
CIELCh	17, 23.487, 21.669
Yxy	2.2554, 0.4683, 0.3202
Android (android.graphics.Color)	4282915614 (0xFF481B1E)
YUV	40.7970, -5.3229, 27.3650
Hunter-Lab	15.0177, 12.9279, 4.6309

Details

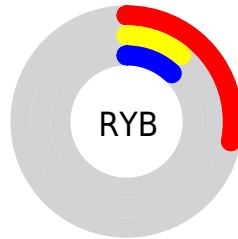
The HunterLab color **15.0177, 12.9279, 4.6309** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.0162, -10.4691, -0.5053**, and the grayscale version is **14.8362, -0.7916, 0.8061**.

A 20% lighter version of the original color is **30.5616, 14.9803, 6.5256**, and **3.5861, 6.1412, 2.3172** is the 20% darker color. If you saturate the color by 10%, you get **13.9071, 15.1517, 5.3159**, and if you desaturate by 10%, it is **16.3255, 10.5721, 3.9715**.

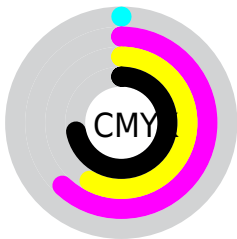
Distribution



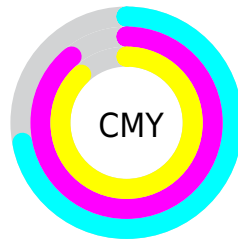
- Red (28%)
- Green (11%)
- Blue (12%)



- Red (28%)
- Yellow (11%)
- Blue (12%)



- Cyan (0%)
- Magenta (62%)
- Yellow (58%)
- Black (72%)



- Cyan (72%)
- Magenta (89%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0177, 12.9279, 4.6309 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 15.0177, 12.9279, 4.6309 by changing the saturation by 10% instead.

■ 15.0177, 12.9279,
4.6309

■ 15.0177, 12.9279,
4.6309

■ 108.8867, 17.9983,
14.2172

■ 8.6601, 11.9222,
4.6223

■ 30.6865, 14.8316,
6.8119

0.0000, INF, NaN

0.0000, NaN, NaN

■ 39.8095, 15.5726,
7.8628

0.0000, NaN, NaN

■ 49.6914, 16.1976,
8.9072

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.2778, 16.7210,
9.9525

0.0000, NaN, NaN


■ 71.5246, 17.1544,
11.0035


0.0000, NaN, NaN


■ 83.3951, 17.5070,


0.0000, NaN, NaN


12.0633


 95.8581, 17.7862,
13.1341


 15.0177, 12.9279,
4.6309


 15.0177, 12.9279,
4.6309


 13.9071, 15.1517,
5.3159


 16.3255, 10.5721,
3.9715


 13.0177, 17.1092,
5.9872


 17.8024, 8.1866,
3.3593

 12.3148, 18.8170,
6.5575

 19.4240, 5.8308,
2.8043

 11.7823, 20.2667,
6.9219

 21.1688, 3.5360,
2.3077

 23.0188, 1.3142,
1.8660

■ 24.9593, -0.8333,
1.4739

■ 26.9785, -2.9113,
1.1254

■ 29.0666, -4.9269,
0.8148

■ 31.2158, -6.8880,
0.5367

Harmonies

Analogous

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



15.0181, 13.9538, -1.0418



15.0177, 12.9279, 4.6309



15.0181, 7.9203, 7.6152

Triad

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



15.0181, 12.9268, 4.6312



15.0181, -9.5274, 6.5485



15.0181, -2.5995, -16.7374

Complementary

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



15.0177, 12.9279, 4.6309



23.0162, -10.4691, -0.5053

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.



15.0181, -7.8991, -12.0934



15.0177, 12.9279, 4.6309



15.0181, -11.4212, 2.4658

Square

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



15.0181, 12.9268, 4.6312



15.0181, -5.2123, 8.5545



15.0181, -10.8816, -4.3663



15.0181, 4.1842, -15.3156

Rectangle

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



15.0177, 12.9279, 4.6309



15.0181, 3.4074, 8.6836



15.0181, -10.8816, -4.3663



15.0181, -4.5937, -15.7811

Sweetspot

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



15.0181, 12.9268, 4.6312



28.5837, 3.8544, 2.8785



15.8653, 17.4189, -12.8305



14.5668, 2.2268, 1.5345



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.



15.0181, 12.9268, 4.6312



17.6633, 21.4722, 7.5085



18.5748, 4.6553, 8.2169



12.3127, 0.2404, 0.8842



16.4091, 28.1896, 9.9174



40.4445, 69.3486, 25.4668

Inverse Universe

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



15.0181, 12.9268, 4.6312



17.6633, 21.4722, 7.5085



17.8938, -2.6621, -9.3348



12.3127, 0.2404, 0.8842



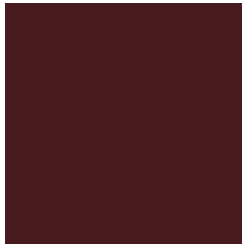
16.4091, 28.1896, 9.9174



40.4445, 69.3486, 25.4668

Previews

White Background



This preview shows how the HunterLab color 15.0177, 12.9279, 4.6309 looks on a white background.

Color Contrast Check

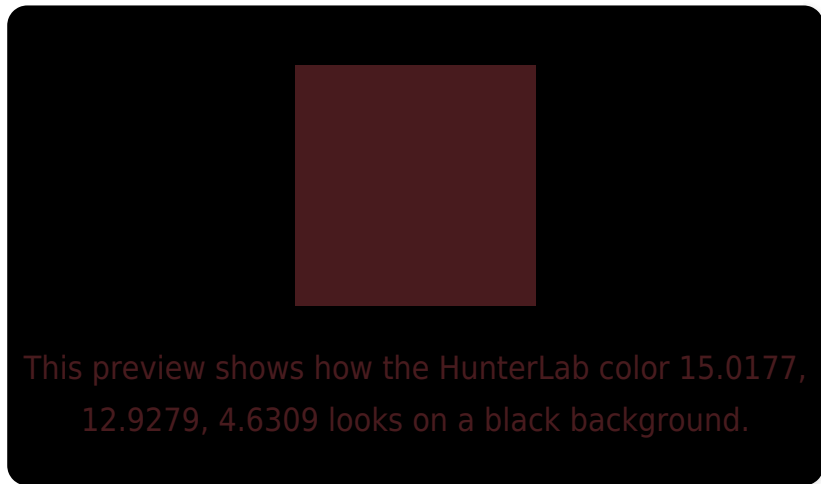
Large Text (above 18pt) WCAG AA ✓ Pass

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

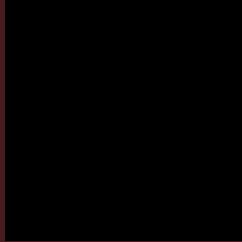
Any Text WCAG AA × Fail

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 15.0177, 12.9279, 4.6309 Background



This preview shows how black text looks on a background with the HunterLab color 15.0177, 12.9279, 4.6309.



This preview shows how white text looks on a background with the HunterLab color 15.0177, 12.9279,

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

15.0177, 12.9279, 4.6309

Protanopia

15.3212, -0.6673, 2.6560

Deuteranopia

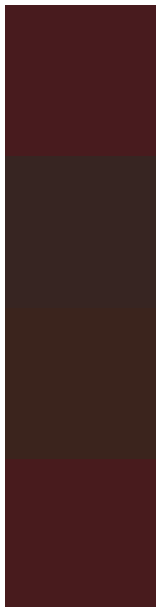
15.4062, 0.4727, 5.2736



Tritanopia

15.0010, 12.8514, 4.8742

Trichromacy



Original Color

15.0177, 12.9279, 4.6309

Protanomaly

15.0028, 3.7969, 3.3304

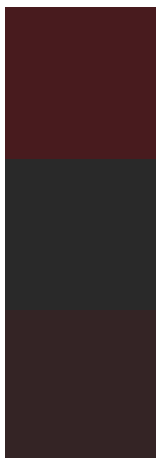
Deuteranomaly

15.1006, 4.9733, 4.8280

Tritanomaly

15.0010, 12.8514, 4.8742

Monochromacy



Original Color

15.0177, 12.9279, 4.6309

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.5787, 3.6397, 1.9289

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0177, 12.9279, 4.6309 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(72, 27, 30)` looks like.

```
.text, #text, p{  
    color:rgb(72, 27, 30)  
}
```

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(72, 27, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 27, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0177, 12.9279, 4.6309 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(72, 27, 30) }
```


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

```
.border{ border-color:rgb(72, 27, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 27, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 27, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 27, 30);  
box-shadow:4px 4px 4px 4px rgb(72, 27, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0177, 12.9279, 4.6309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 27, 30) }
```

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

```
.background{ background-color: rgb(72, 27,  
30) }
```

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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