

# Converting Colors

HunterLab(15.5997, 12.8721,  
4.9109)

Have a look what the booklet for  
HunterLab(15.5997, 12.8721,  
4.9109) contains.

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# Color

**HunterLab(15.5997, 12.8721,  
4.9109)**

# Conversions

Conversions Part 1	
Format	Color
Hex	4A1D1F
RGB	74, 29, 31
RGB Percent	29%, 11%, 12%
CMY	0.7098, 0.8863, 0.8784
CMYK	0.00, 0.61, 0.58, 0.71
HSL	357°, 44%, 20%
HSV	357°, 61%, 29%
XYZ	3.5107, 2.4335, 1.5810
YIQ	42.6830, 26.1780, 10.1620

# Conversions

## Conversions Part 2

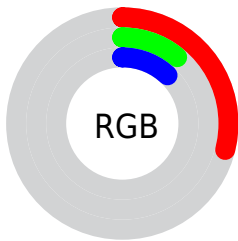
Format	Color
<a href="#">RYB</a>	<a href="#">74, 29, 31</a>
Decimal	<a href="#">4857119</a>
CIELab	<a href="#">17.62, 21.62, 9.17</a>
CIELCh	<a href="#">18, 23.484, 22.972</a>
Yxy	<a href="#">2.4336, 0.4665, 0.3234</a>
Android (android.graphics.Color)	<a href="#">4283047199</a> (0xFF4A1D1F)
YUV	<a href="#">42.6830, -5.7597, 27.4650</a>
Hunter-Lab	<a href="#">15.5997, 12.8721, 4.9109</a>

# Details

The HunterLab color **15.5997, 12.8721, 4.9109** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **23.7207, -10.4678, -0.8920**, and the grayscale version is **15.4517, -0.8245, 0.8395**.

A 20% lighter version of the original color is **31.4645, 14.3955, 7.0969**, and **4.4315, 7.6385, 2.4802** is the 20% darker color. If you saturate the color by 10%, you get **14.4230, 15.1987, 5.6171**, and if you desaturate by 10%, it is **16.9780, 10.4314, 4.2195**.

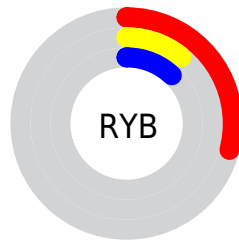
# Distribution



Red (29%)

Green (11%)

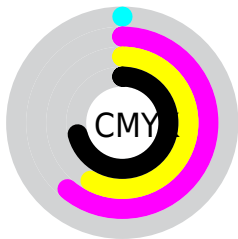
Blue (12%)



Red (29%)

Yellow (11%)

Blue (12%)

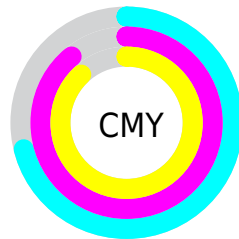


Cyan (0%)

Magenta (61%)

Yellow (58%)

Black (71%)



Cyan (71%)

Magenta (89%)


Yellow (88%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5997, 12.8721, 4.9109 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 15.5997, 12.8721, 4.9109 by changing the saturation by 10% instead.




 15.5997, 12.8721,  
4.9109

 15.5997, 12.8721,  
4.9109


110.0079, 17.7794,  
14.7616

 9.1821, 11.7164,  
4.6374


 31.4233, 14.7286,  
7.1659

0.0000, INF, NaN

0.0000, NaN, NaN


 40.6126, 15.4490,  
8.2493

0.0000, NaN, NaN


 50.5556, 16.0551,  
9.3239

0.0000, NaN, NaN

0.0000, NaN, NaN

 61.1992, 16.5612,  
10.3975

0.0000, NaN, NaN


 72.4998, 16.9784,  
11.4753


0.0000, NaN, NaN


 84.4213, 17.3158,


0.0000, NaN, NaN


12.5604


 96.9329, 17.5808,  
13.6553


 15.5997, 12.8721,  
4.9109


 15.5997, 12.8721,  
4.9109


 14.4230, 15.1987,  
5.6171


 16.9780, 10.4314,  
4.2195


 13.4738, 17.2759,  
6.2970

 18.5287, 7.9767,  
3.5664

 12.7474, 19.0212,  
6.8809

 20.2265, 5.5643,  
2.9632

 12.0956, 20.7736,  
7.3546

 22.0496, 3.2221,  
2.4123

 23.9795, 0.9598,  
1.9117

■ 26.0015, -1.2234,  
1.4567

■ 28.1034, -3.3333,  
1.0420

■ 30.2756, -5.3782,  
0.6625

■ 32.5100, -7.3665,  
0.3133

# Harmonies

## Analogous

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



15.6001, 14.1036, -0.7241



15.5997, 12.8721, 4.9109



15.6001, 7.6974, 7.8314

# Triad

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



15.6001, 12.8710, 4.9112



15.6001, -9.8350, 6.5687



15.6001, -2.3767, -16.8415

# Complementary

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



15.5997, 12.8721, 4.9109



23.7207, -10.4678, -0.8920

# 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.



15.6001, -7.8511, -12.4262



15.5997, 12.8721, 4.9109



15.6001, -11.6610, 2.2739

# Square

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



15.6001, 12.8710, 4.9112



15.6001, -5.5447, 8.5949



15.6001, -11.0014, -4.7239



15.6001, 4.5137, -15.1493



# Rectangle

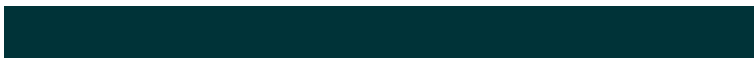
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.5997, 12.8721, 4.9109



15.6001, 3.1169, 8.8162



15.6001, -11.0014, -4.7239



15.6001, -4.4257, -15.9764

# Sweetspot

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



15.6001, 12.8710, 4.9112



29.6256, 3.6158, 3.0396



16.5572, 17.6988, -12.6868



14.6763, 2.0572, 1.5809



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.



15.6001, 12.8710, 4.9112



18.3634, 21.4981, 7.8750



19.3966, 4.2901, 8.4735



13.0549, 0.2644, 0.9698



16.8366, 28.8921, 10.4226



40.9423, 70.1694, 26.0333



# Inverse Universe

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



15.6001, 12.8710, 4.9112



18.3634, 21.4981, 7.8750



18.3600, -2.4732, -9.6511



13.0549, 0.2644, 0.9698



16.8366, 28.8921, 10.4226

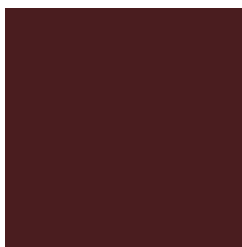


40.9423, 70.1694, 26.0333



# Previews

## White Background



This preview shows how the HunterLab color 15.5997, 12.8721, 4.9109 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

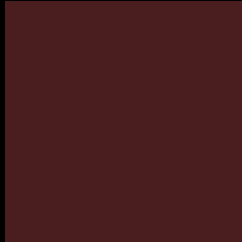
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 15.5997, 12.8721, 4.9109 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

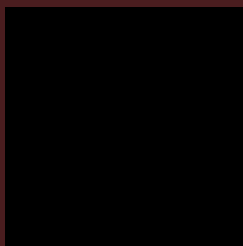
Any Text WCAG AA × Fail

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 15.5997, 12.8721, 4.9109 Background



This preview shows how black text looks on a background with the HunterLab color 15.5997, 12.8721, 4.9109.



This preview shows how white text looks on a background with the HunterLab color 15.5997, 12.8721,



# 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

15.5997, 12.8721, 4.9109

### Protanopia

15.9551, -0.8156, 3.0029

### Deuteranopia

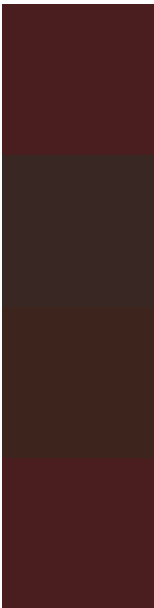
15.8162, 0.7388, 5.4013



## Tritanopia

15.5997, 12.8721, 4.9109

# Trichromacy



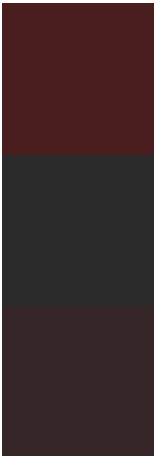
**Original Color**  
15.5997, 12.8721, 4.9109

**Protanomaly**  
15.6277, 3.6765, 3.6613

**Deuteranomaly**  
15.5209, 5.2747, 4.9641

**Tritanomaly**  
15.5997, 12.8721, 4.9109

# Monochromacy



**Original Color**  
15.5997, 12.8721, 4.9109

**Achromatopsia**  
15.5427, -0.8293, 0.8445

**Achromatomaly**  
15.2216, 3.6247, 1.9665

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 15.5997, 12.8721, 4.9109 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, 29, 31)` looks like.

```
.text, #text, p{  
    color:rgb(74, 29, 31)  
}
```

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, 29, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 29, 31) }
```

## Border

The CSS property to change the border of an element to HunterLab 15.5997, 12.8721, 4.9109 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, 29, 31) }
```



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

```
.border{ border-color:rgb(74, 29, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 29, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 29, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 29, 31);  
box-shadow:4px 4px 4px 4px rgb(74, 29, 31)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 15.5997, 12.8721, 4.9109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 29, 31) }
```

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

```
.background{ background-color: rgb(74, 29,  
31) }
```

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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