

Converting Colors

HunterLab(15.0509, 13.9113,
8.2238)

Have a look what the booklet for
HunterLab(15.0509, 13.9113,
8.2238) contains.

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Color

**HunterLab(15.0197, 13.9860,
8.2501)**

Conversions

Conversions Part 1

Format	Color
Hex	4C190B
RGB	76, 25, 11
RGB Percent	30%, 10%, 4%
CMY	0.7020, 0.9019, 0.9569
CMYK	0.00, 0.67, 0.86, 0.70
HSL	13°, 75%, 17%
HSV	13°, 86%, 30%
XYZ	3.3885, 2.2559, 0.5735
YIQ	38.6530, 34.8900, 6.4580

Conversions

Conversions Part 2

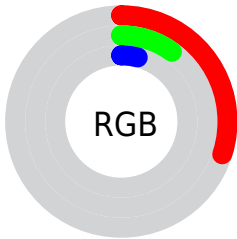
Format	Color
R_{YB}	76, 29, 11
Decimal	4987147
CIE Lab	16.78, 23.28, 20.72
CIE LCh	17, 31.168, 41.675
Yxy	2.2560, 0.5450, 0.3628
Android (android.graphics.Color)	4283177227 (0xFF4C190B)
YUV	38.6530, -13.6329, 32.7533
Hunter-Lab	15.0197, 13.9860, 8.2501

Details

The HunterLab color **15.0197, 13.9860, 8.2501** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **20.0945, -7.0507, -7.9155**, and the grayscale version is **14.1670, -0.7559, 0.7697**.

A 20% lighter version of the original color is **30.7245, 15.7879, 12.4739**, and **3.9929, 6.8379, 2.5801** is the 20% darker color. If you saturate the color by 10%, you get **14.1811, 15.8728, 8.6080**, and if you desaturate by 10%, it is **16.0011, 11.9764, 7.8523**.

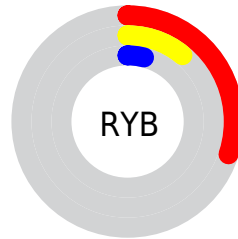
Distribution



Red (30%)

Green (10%)

Blue (4%)



Red (30%)

Yellow (11%)

Blue (4%)

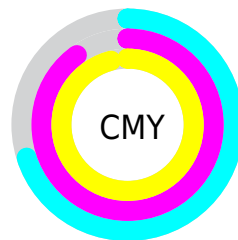


Cyan (0%)

Magenta (67%)

Yellow (86%)

Black (70%)



Cyan (70%)


Magenta (90%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 15.0197, 13.9860, 8.2501 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 15.0197, 13.9860, 8.2501 by changing the saturation by 10% instead.

 15.0197, 13.9860,
8.2501

 15.0197, 13.9860,
8.2501


 108.8906, 19.6530,
24.6176

 8.6619, 12.9175,
6.0634


 30.6891, 16.0374,
12.3578

0.0000, INF, NaN

0.0000, NaN, NaN


 39.8123, 16.8501,
14.2838

0.0000, NaN, NaN


 49.6944, 17.5442,
16.1196

0.0000, NaN, NaN

0.0000, NaN, NaN

 60.2810, 18.1339,
17.8910

0.0000, NaN, NaN


 71.5280, 18.6311,
19.6157


0.0000, NaN, NaN


 83.3987, 19.0451,


0.0000, NaN, NaN


21.3060


 95.8618, 19.3835,
22.9711


 15.0197, 13.9860,
8.2501


 15.0197, 13.9860,
8.2501

 14.1811, 15.8728,
8.6080


 16.0011, 11.9764,
7.8523

 13.8499, 16.6353,
8.8255

 17.1192, 9.9610,
7.2976

 18.3594, 7.9886,
6.6142

 19.7074, 6.0891,
5.8281

 21.1500, 4.2774,
4.9617

■ 22.6758, 2.5580,
4.0325

■ 24.2748, 0.9290,
3.0541

■ 25.9387, -0.6151,
2.0367

■ 27.6604, -2.0814,
0.9878

Harmonies

Analogous

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



15.0201, 19.5393, 3.7152



15.0197, 13.9860, 8.2501



15.0201, 4.8767, 10.5141

Triad

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



15.0201, 13.9847, 8.2503



15.0201, -13.6935, 5.0377



15.0201, 2.7652, -24.9077

Complementary

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



15.0197, 13.9860, 8.2501



20.0945, -7.0507, -7.9155

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.



15.0201, -5.7456, -23.7774



15.0197, 13.9860, 8.2501



15.0201, -14.0073, -2.8047

Square

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



15.0201, 13.9847, 8.2503



15.0201, -10.4516, 8.9559



15.0201, -11.4377, -14.2397



15.0201, 12.1368, -16.7801

Rectangle

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



15.0197, 13.9860, 8.2501



15.0201, -1.2920, 10.5141



15.0201, -11.4377, -14.2397



15.0201, -0.3061, -25.6844

Sweetspot

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



15.0201, 13.9847, 8.2503



29.6354, 3.7023, 5.5080



14.6107, 23.2671, -9.6727



15.0031, 2.1055, 2.9392



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



15.0201, 13.9847, 8.2503



17.9725, 22.8843, 11.4752



21.0658, 1.0906, 12.1086



13.2347, -0.0723, 1.2292



18.4325, 23.5797, 11.7708



43.5592, 61.4178, 27.9162

Inverse Universe

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



20.0945, -7.0507, -7.9155



25.2229, -8.7559, -12.6248



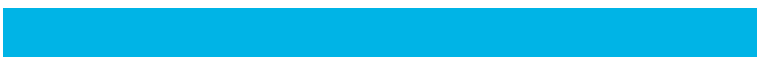
12.4379, 5.7816, -24.8276



13.5599, -1.3173, 0.2219



25.8854, -8.9663, -12.9988



61.9288, -20.3310, -33.5168

Previews

White Background



This preview shows how the HunterLab color 15.0197, 13.9860, 8.2501 looks on a white background.

Color Contrast Check

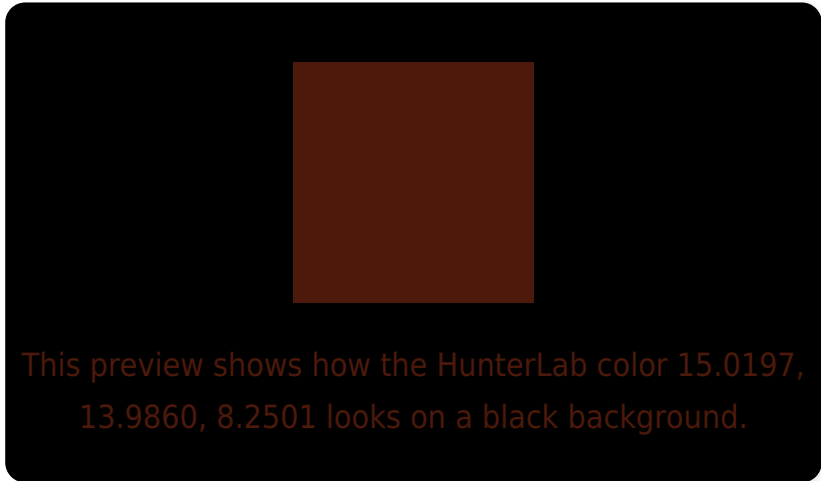
Large Text (above 18pt) WCAG AA ✓ Pass

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

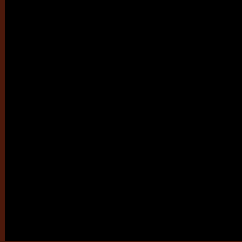
Any Text WCAG AA × Fail

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 15.0197, 13.9860, 8.2501 Background



This preview shows how black text looks on a background with the HunterLab color 15.0197, 13.9860, 8.2501.

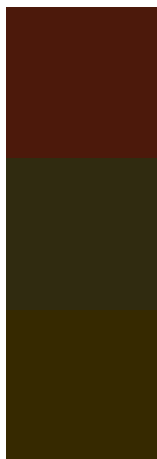


This preview shows how white text looks on a background with the HunterLab color 15.0197, 13.9860,

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

15.0197, 13.9860, 8.2501

Protanopia

15.4711, -1.9647, 7.6202

Deuteranopia

15.3953, -0.1091, 9.4846



Tritanopia

15.0331, 15.0435, 5.8995

Trichromacy



Original Color

15.0197, 13.9860, 8.2501

Protanomaly

14.8088, 3.6771, 7.5261

Deuteranomaly

14.9498, 4.9958, 8.8439

Tritanomaly

14.9675, 14.7528, 6.8596

Monochromacy



Original Color

15.0197, 13.9860, 8.2501

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.0101, 3.6392, 3.7775

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0197, 13.9860, 8.2501 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(76, 25, 11)` looks like.

```
.text, #text, p{  
    color:rgb(76, 25, 11)  
}
```

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(76, 25, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 25, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0197, 13.9860, 8.2501 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(76, 25, 11) }
```


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

```
.border{ border-color:rgb(76, 25, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 25, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 25, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 25, 11);  
box-shadow:4px 4px 4px 4px rgb(76, 25, 11)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0197, 13.9860, 8.2501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 25, 11) }
```

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

```
.background{ background-color: rgb(76, 25,  
11) }
```

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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