

Converting Colors

HunterLab(15.7124, 11.3647,
10.8034)

Have a look what the booklet for
HunterLab(15.7124, 11.3647,
10.8034) contains.

HunterLab(15.7005, 11.6880, 9.8792)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(15.7005, 11.6880,
9.8792)**

Conversions

Conversions Part 1

Format	Color
Hex	4C1E00
RGB	76, 30, 0
RGB Percent	30%, 12%, 0%
CMY	0.7020, 0.8823, 1.0000
CMYK	0.00, 0.61, 1.00, 0.70
HSL	24°, 100%, 15%
HSV	24°, 100%, 30%
XYZ	3.4448, 2.4651, 0.2942
YIQ	40.3340, 37.0460, 0.4220

Conversions

Conversions Part 2

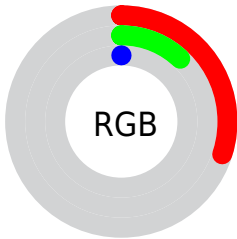
Format	Color
RYB	76, 50, 0
Decimal	4988416
CIELab	17.76, 19.95, 26.41
CIElCh	18, 33.099, 52.937
Yxy	2.4652, 0.5552, 0.3973
Android (android.graphics.Color)	4283178496 (0xFF4C1E00)
YUV	40.3340, -19.8847, 31.2791
Hunter-Lab	15.7005, 11.6880, 9.8792

Details

The HunterLab color **15.7005, 11.6880, 9.8792** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **15.7340, -1.6523, -16.0991**, and the grayscale version is **14.7293, -0.7859, 0.8003**.

A 20% lighter version of the original color is **31.4714, 13.4542, 14.5616**, and **4.1300, 7.0728, 2.6687** is the 20% darker color. If you saturate the color by 10%, you get **15.7009, 11.6869, 9.8794**, and if you desaturate by 10%, it is **16.5287, 10.0772, 9.5784**.

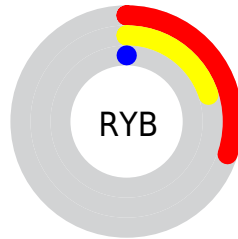
Distribution



Red (30%)

Green (12%)

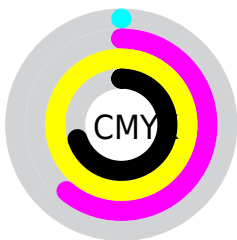
Blue (0%)



Red (30%)

Yellow (20%)

Blue (0%)

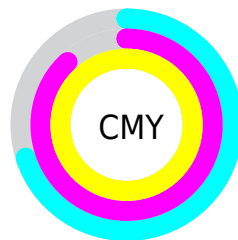


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (70%)



Cyan (70%)

Magenta (88%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7005, 11.6880, 9.8792 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 15.7005, 11.6880, 9.8792 by changing the saturation by 10% instead.

15.7005, 11.6880,
9.8792

15.7005, 11.6880,
9.8792

110.2011, 15.8830,
29.2814

9.2689, 10.6081,
6.4883

31.5506, 13.3632,
14.6388

0.0000, INF, NaN

0.0000, NaN, NaN

40.7512, 13.9977,
16.9893

0.0000, NaN, NaN

50.7047, 14.5217,
19.2123

0.0000, NaN, NaN

0.0000, NaN, NaN

61.3581, 14.9492,
21.3408

0.0000, NaN, NaN


72.6679, 15.2912,
23.3974


0.0000, NaN, NaN


84.5982, 15.5563,


0.0000, NaN, NaN


25.3987


 97.1181, 15.7516,
27.3570

 15.7005, 11.6880,
9.8792


 15.7005, 11.6880,
9.8792

 15.7009, 11.6869,
9.8794

 16.5287, 10.0772,
9.5784

 17.4239, 8.4407,
9.3208

 18.3962, 6.8757,
8.8772

 19.4402, 5.4019,
8.2451

 20.5494, 4.0263,
7.4421

■ 21.7179, 2.7502,
6.4864

■ 22.9402, 1.5712,
5.3954

■ 24.2114, 0.4848,
4.1850

■ 25.5271, -0.5150,
2.8693

Harmonies

Analogous

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



15.7009, 19.6523, 6.2103



15.7005, 11.6880, 9.8792



15.7009, 1.4594, 10.9907

Triad

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



15.7009, 11.6867, 9.8794



15.7009, -15.1120, 2.8355



15.7009, 6.8918, -24.8639

Complementary

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



15.7005, 11.6880, 9.8792



15.7340, -1.6523, -16.0991

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.



15.7009, -3.0116, -27.8106



15.7005, 11.6880, 9.8792



15.7009, -14.3166, -7.4878

Square

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



15.7009, 11.6867, 9.8794



15.7009, -12.8699, 8.1729



15.7009, -10.3604, -20.1512



15.7009, 16.4580, -13.5459

Rectangle

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



15.7005, 11.6880, 9.8792



15.7009, -4.7044, 10.9907



15.7009, -10.3604, -20.1512



15.7009, 3.4417, -27.0624

Sweetspot

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



15.7009, 11.6867, 9.8794



30.0980, 2.2462, 7.2964



13.1934, 24.1413, -3.4700



15.2370, 1.3312, 3.9158



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.



15.7009, 11.6867, 9.8794



20.3624, 16.3404, 12.8333



23.5938, -3.4949, 14.4771



13.3889, -0.3343, 1.3994



20.8816, 16.8603, 13.1623



49.1472, 45.3960, 31.0790

Inverse Universe

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



15.7340, -1.6523, -16.0991



20.3988, -1.5751, -22.0966



8.4516, 14.7940, -42.4995



13.4012, -1.0591, 0.0325



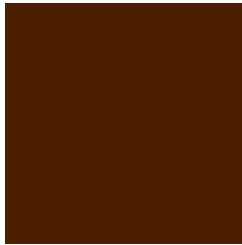
20.9179, -1.5649, -22.7675



49.1133, -0.7901, -59.6817

Previews

White Background



This preview shows how the HunterLab color 15.7005, 11.6880, 9.8792 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

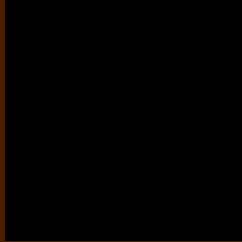
Any Text WCAG AA × Fail

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 15.7005, 11.6880, 9.8792 Background



This preview shows how black text looks on a background with the HunterLab color 15.7005, 11.6880, 9.8792.



This preview shows how white text looks on a background with the HunterLab color 15.7005, 11.6880,

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

15.7005, 11.6880, 9.8792

Protanopia

16.1187, -2.2116, 9.0485

Deuteranopia

16.1171, 0.0503, 9.9322



Tritanopia

15.8178, 14.1872, 5.3912

Trichromacy



Original Color

15.7005, 11.6880, 9.8792

Protanomaly

15.7772, 2.3677, 9.2237

Deuteranomaly

15.7360, 4.3083, 9.7719

Tritanomaly

15.8225, 13.1207, 7.6709

Monochromacy



Original Color

15.7005, 11.6880, 9.8792

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.4528, 2.7996, 5.1818

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7005, 11.6880, 9.8792 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, 30, 0)` looks like.

```
.text, #text, p{  
    color:rgb(76, 30, 0)  
}
```

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, 30, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 30, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7005, 11.6880, 9.8792 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, 30, 0) }
```


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

```
.border{ border-color:rgb(76, 30, 0) }
```

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

Here you see how a box with a 4 pixel rgb(76, 30, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 30, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 30, 0); box-shadow:4px  
4px 4px 4px rgb(76, 30, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.7005, 11.6880, 9.8792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 30, 0) }
```

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

```
.background{ background-color: rgb(76, 30,  
0) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor