

Converting Colors

HunterLab(42.8908, 15.3060,
20.5753)

Have a look what the booklet for
HunterLab(42.8908, 15.3060,
20.5753) contains.

HunterLab(42.9570, 15.1160, 20.6410)	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(42.9570, 15.1160,
20.6410)**

Conversions

Conversions Part 1

Format	Color
Hex	A7683D
RGB	167, 104, 61
RGB Percent	65%, 41%, 24%
CMY	0.3451, 0.5921, 0.7608
CMYK	0.00, 0.38, 0.63, 0.35
HSL	24°, 46%, 45%
HSV	24°, 63%, 65%
XYZ	21.7290, 18.4530, 6.8315
YIQ	117.9350, 51.3510, -0.0170

Conversions

Conversions Part 2

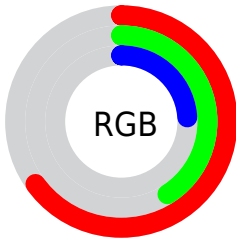
Format	Color
R_{YB}	167, 133, 61
Decimal	10971197
CIE _{Lab}	50.04, 21.07, 34.39
CIE _{LCh}	50, 40.332, 58.511
Yxy	18.4540, 0.4622, 0.3925
Android (android.graphics.Color)	4289161277 (0xFFA7683D)
YUV	117.9350, -28.0690, 43.0300
Hunter-Lab	42.9570, 15.1160, 20.6410

Details

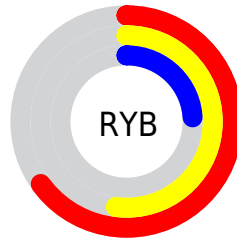
The HunterLab color **42.9570, 15.1160, 20.6410** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **42.6574, -7.2516, -24.6555**, and the grayscale version is **42.6303, -2.2746, 2.3162**.

A 20% lighter version of the original color is **63.9611, 15.7571, 26.0139**, and **24.9847, 13.8315, 14.5651** is the 20% darker color. If you saturate the color by 10%, you get **40.5206, 18.9824, 21.7707**, and if you desaturate by 10%, it is **45.5851, 11.5028, 18.9888**.

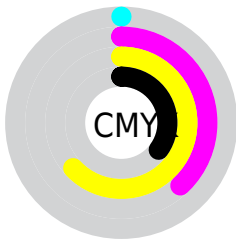
Distribution



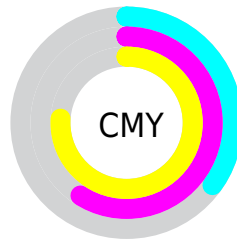
- Red (65%)
- Green (41%)
- Blue (24%)



- Red (65%)
- Yellow (52%)
- Blue (24%)



- Cyan (0%)
- Magenta (38%)
- Yellow (63%)
- Black (35%)



- Cyan (35%)
- Magenta (59%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.9570, 15.1160, 20.6410 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 42.9570, 15.1160, 20.6410 by changing the saturation by 10% instead.

42.9570, 15.1160,
20.6410

42.9570, 15.1160,
20.6410

156.0185, 17.3264,
42.3918

33.5804, 14.4499,
17.7145

63.8822, 16.1263,
26.0243

25.0061, 13.6599,
14.5655

75.3366, 16.4991,
28.5464

17.3193, 12.7228,
12.0845

87.4039, 16.7950,
30.9857

10.6372, 11.6190,
7.4461

100.0545, 17.0208,
33.3583

0.6833, 134.3161,
0.4783

113.2627, 17.1824,
35.6765

0.0000, NaN, NaN

0.0000, NaN, NaN

127.0057, 17.2845,

37.9498

0.0000, NaN, NaN

141.2637, 17.3313,
40.1862

0.0000, NaN, NaN

■ 42.9570, 15.1160,
20.6410

■ 42.9570, 15.1160,
20.6410

■ 40.5206, 18.9824,
21.7707

■ 45.5851, 11.5028,
18.9888

■ 38.2912, 23.0697,
22.3361

■ 48.3835, 8.1661,
16.8639

■ 36.2874, 27.3043,
22.3257

■ 51.3367, 5.1038,
14.3202

■ 35.0994, 30.0569,
22.1543

■ 54.4295, 2.3060,
11.4084

■ 57.6483, -0.2431,
8.1743

■ 60.9813, -2.5620,
4.6579

■ 64.4180, -4.6702,
0.8936

■ 67.9493, -6.5870,
-3.0894

■ 71.5673, -8.3306,
-7.2663

Harmonies

Analogous

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



42.9581, 28.4566, 14.1604



42.9570, 15.1160, 20.6410



42.9581, -1.4865, 22.5973

Triad

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



42.9581, 15.1136, 20.6415



42.9581, -29.0831, 3.0971



42.9581, 13.5148, -32.4525

Complementary

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



42.9570, 15.1160, 20.6410



42.6574, -7.2516, -24.6555

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.



42.9581, -3.0965, -38.7824



42.9570, 15.1160, 20.6410



42.9581, -26.2674, -14.2401

Square

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



42.9581, 15.1136, 20.6415



42.9581, -25.6477, 15.0587



42.9581, -17.3075, -31.1450



42.9581, 27.4420, -16.0777

Rectangle

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



42.9570, 15.1160, 20.6410



42.9581, -11.6938, 21.9474



42.9581, -17.3075, -31.1450



42.9581, 7.9897, -36.0423

Sweetspot

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



42.9581, 15.1136, 20.6415



74.5997, 1.6388, 13.5299



36.0882, 42.1075, -8.6820



34.7320, 1.2301, 6.9538



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



42.9581, 15.1136, 20.6415



53.0280, 27.5082, 29.5221



56.9769, -9.6896, 30.3449



28.3255, -0.5948, 3.2326



30.8522, 25.9122, 19.4646



5.7673, 1.8705, 3.5865

Inverse Universe

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



42.6574, -7.2516, -24.6555



52.4540, -7.3920, -41.8157



28.9232, 18.4515, -56.7974



28.3087, -2.3219, -0.2284



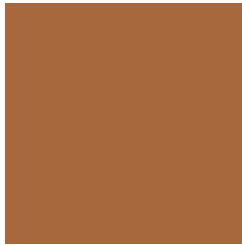
30.1621, -0.5946, -36.4165



5.6382, -1.5458, -3.7103

Previews

White Background



This preview shows how the HunterLab color 42.9570, 15.1160, 20.6410 looks on a white background.

Color Contrast Check

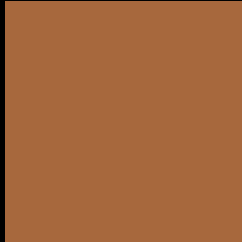
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 42.9570, 15.1160, 20.6410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

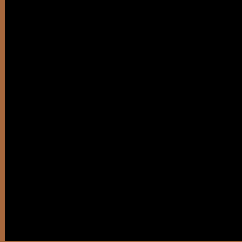
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.9570, 15.1160, 20.6410 Background



This preview shows how black text looks on a background with the HunterLab color 42.9570, 15.1160, 20.6410.



This preview shows how white text looks on a background with the HunterLab color 42.9570, 15.1160,

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

42.9570, 15.1160, 20.6410

Protanopia

43.1875, -5.0670, 19.4472

Deuteranopia

43.0737, 2.6924, 20.8935



Tritanopia

43.0236, 22.7920, 8.1189

Trichromacy



Original Color

42.9570, 15.1160, 20.6410

Protanomaly

42.8183, 1.9582, 19.7023

Deuteranomaly

42.8347, 7.2076, 20.6035

Tritanomaly

42.9890, 19.6945, 13.4937

Monochromacy



Original Color

42.9570, 15.1160, 20.6410

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

42.3173, 2.7827, 10.2793

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.9570, 15.1160, 20.6410 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(167, 104, 61)` looks like.

```
.text, #text, p{  
    color:rgb(167, 104, 61)  
}
```

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(167, 104, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 104, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 42.9570, 15.1160, 20.6410 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(167, 104, 61) }
```


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

```
.border{ border-color:rgb(167, 104, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 104, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 104, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 104, 61);  
box-shadow:4px 4px 4px 4px rgb(167, 104,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.9570, 15.1160, 20.6410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 104, 61) }
```

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

```
.background{ background-color: rgb(167,  
104, 61) }
```

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