

Converting Colors

HunterLab(32.9398, 6.1187,
9.6181)

Have a look what the booklet for
HunterLab(32.9398, 6.1187, 9.6181)
contains.

HunterLab(33.0037, 6.0705, 9.7338)	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(33.0037, 6.0705,
9.7338)**

Conversions

Conversions Part 1

Format	Color
Hex	755647
RGB	117, 86, 71
RGB Percent	46%, 34%, 28%
CMY	0.5412, 0.6627, 0.7216
CMYK	0.00, 0.26, 0.39, 0.54
HSL	20°, 24%, 37%
HSV	20°, 39%, 46%
XYZ	11.8013, 10.8924, 7.4417
YIQ	93.5590, 23.2910, 1.9070

Conversions

Conversions Part 2

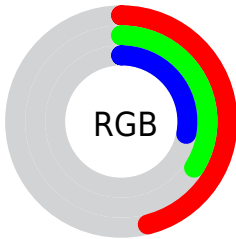
Format	Color
R_{YB}	117, 93, 71
Decimal	7689799
CIE _{Lab}	39.40, 10.65, 13.74
CIE _{LCh}	39, 17.388, 52.227
Yxy	10.8930, 0.3916, 0.3615
Android (android.graphics.Color)	4285879879 (0xFF755647)
YUV	93.5590, -11.1216, 20.5578
Hunter-Lab	33.0037, 6.0705, 9.7338

Details

The HunterLab color **33.0037, 6.0705, 9.7338** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.8228, -6.8066, -7.3160**, and the grayscale version is **33.3270, -1.7782, 1.8107**.

A 20% lighter version of the original color is **52.4274, 6.0065, 12.6733**, and **16.9065, 5.3134, 6.8744** is the 20% darker color. If you saturate the color by 10%, you get **30.9298, 8.5833, 11.1988**, and if you desaturate by 10%, it is **35.1955, 3.7241, 8.0682**.

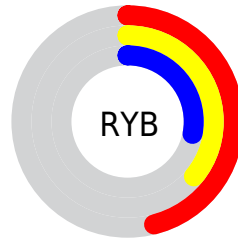
Distribution



Red (46%)

Green (34%)

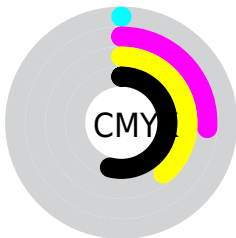
Blue (28%)



Red (46%)

Yellow (36%)

Blue (28%)

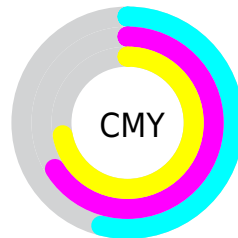


Cyan (0%)

Magenta (26%)

Yellow (39%)

Black (54%)



Cyan (54%)

Magenta (66%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0037, 6.0705, 9.7338 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 33.0037, 6.0705, 9.7338 by changing the saturation by 10% instead.

■ 33.0037, 6.0705,
9.7338

■ 33.0037, 6.0705,
9.7338

140.3324, 4.8508,
21.7375

■ 24.4845, 5.8510,
8.2827

■ 52.4043, 6.2319,
12.4884

■ 16.8582, 5.5169,
6.7386

■ 63.1679, 6.2008,
13.8254

■ 10.2460, 5.0358,
6.1762

■ 74.5818, 6.1058,
15.1491

0.0000, INF, NaN

0.0000, NaN, NaN

■ 86.6107, 5.9531,
16.4658

0.0000, NaN, NaN

■ 99.2246, 5.7476,
17.7801

0.0000, NaN, NaN

112.3977, 5.4932,

0.0000, NaN, NaN

19.0952

0.0000, NaN, NaN

126.1070, 5.1933,
20.4137

■ 33.0037, 6.0705,
9.7338

■ 33.0037, 6.0705,
9.7338

■ 30.9298, 8.5833,
11.1988

■ 35.1955, 3.7241,
8.0682

■ 28.9859, 11.2648,
12.4263

■ 37.4902, 1.5423,
6.2314

■ 27.1886, 14.0992,
13.3779

■ 39.8777, -0.4868,
4.2495

■ 25.5552, 17.0533,
14.0151

■ 42.3485, -2.3755,
2.1438

■ 24.1029, 20.0688,
14.3078

■ 44.8944, -4.1369,
-0.0684

■ 22.8363, 23.0074,
14.4147

■ 47.5085, -5.7838,
-2.3732

■ 22.7559, 23.1994,
14.4282

■ 50.1847, -7.3280,
-4.7590

■ 52.9179, -8.7805,
-7.2167

■ 55.7037, -10.1513,
-9.7385

Harmonies

Analogous

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



33.0045, 10.3410, 5.9021



33.0037, 6.0705, 9.7338



33.0045, -0.0920, 11.3713

Triad

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



33.0045, 6.0691, 9.7343



33.0045, -13.0293, 3.3319



33.0045, 2.9930, -10.8923

Complementary

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



33.0037, 6.0705, 9.7338



34.8228, -6.8066, -7.3160

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.



33.0045, -3.4010, -11.9374



33.0037, 6.0705, 9.7338



33.0045, -12.3401, -2.9152

Square

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



33.0045, 6.0691, 9.7343



33.0045, -10.8859, 8.1589



33.0045, -8.9263, -8.7883



33.0045, 8.4733, -6.1555

Rectangle

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



33.0037, 6.0705, 9.7338



33.0045, -4.3136, 11.2655



33.0045, -8.9263, -8.7883



33.0045, 0.8679, -11.7191

Sweetspot

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



33.0045, 6.0691, 9.7343



52.3943, 0.1412, 6.4993



30.4244, 17.2157, -5.6683



24.9782, 0.1886, 3.2371



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



33.0045, 6.0691, 9.7343



41.6870, 11.1043, 14.7848



38.8355, -4.0916, 14.7574



19.6926, -0.2668, 2.0669



23.8307, 24.5025, 15.1133



51.2498, 57.8796, 32.5932

Inverse Universe

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



34.8228, -6.8066, -7.3160



44.6074, -9.7428, -12.7403



28.7729, 3.2287, -16.8933



19.9087, -1.7787, 0.0554



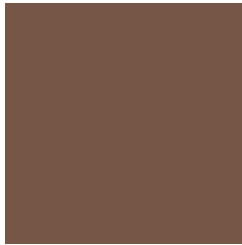
27.4269, -5.0993, -23.2734



59.2012, -9.1811, -54.1770

Previews

White Background



This preview shows how the HunterLab color 33.0037, 6.0705, 9.7338 looks on a white background.

Color Contrast Check

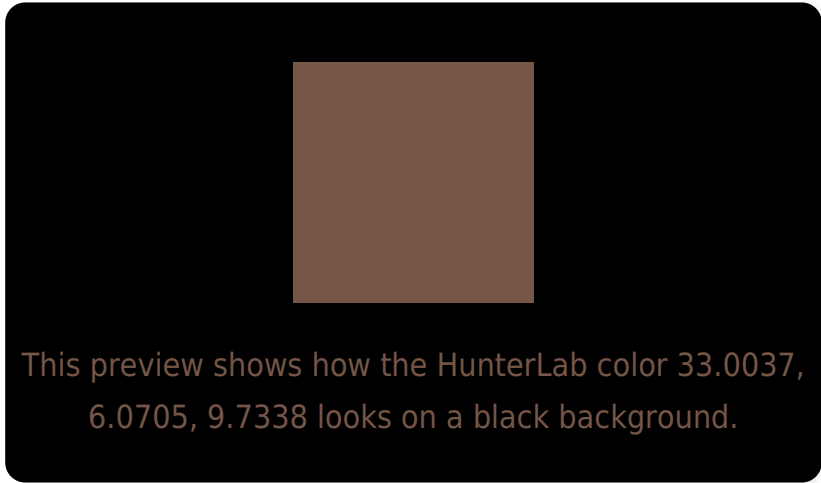
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

HunterLab 33.0037, 6.0705, 9.7338 Background



This preview shows how black text looks on a background with the HunterLab color 33.0037, 6.0705, 9.7338.



This preview shows how white text looks on a background with the HunterLab color 33.0037, 6.0705,

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

33.0037, 6.0705, 9.7338

Protanopia

33.1297, -2.5031, 8.7763

Deuteranopia

33.0181, 2.2711, 9.9805



Tritanopia

32.9342, 10.3656, 3.0618

Trichromacy



Original Color

33.0037, 6.0705, 9.7338

Protanomaly

32.9508, 0.8558, 8.9772

Deuteranomaly

33.0641, 3.7103, 10.0486

Tritanomaly

32.8888, 8.6742, 5.6648

Monochromacy



Original Color

33.0037, 6.0705, 9.7338

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.1343, 0.7366, 4.6762

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0037, 6.0705, 9.7338 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(117, 86, 71)` looks like.

```
.text, #text, p{  
    color:rgb(117, 86, 71)  
}
```

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(117, 86, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 86, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0037, 6.0705, 9.7338 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(117, 86, 71) }
```


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

```
.border{ border-color:rgb(117, 86, 71) }
```

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

Here you see how a box with a 4 pixel rgb(117, 86, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 86, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 86, 71);  
box-shadow:4px 4px 4px 4px rgb(117, 86,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.0037, 6.0705, 9.7338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 86, 71) }
```

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

```
.background{ background-color: rgb(117, 86,  
71) }
```

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