

Converting Colors

HunterLab(30.6152, -13.8250,
13.7055)

Have a look what the booklet for
HunterLab(30.6152, -13.8250,
13.7055) contains.

HunterLab(30.7109, -13.7572, 13.6930)	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(30.7109,
-13.7572, 13.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	445E2E
RGB	68, 94, 46
RGB Percent	27%, 37%, 18%
CMY	0.7333, 0.6314, 0.8196
CMYK	0.28, 0.00, 0.51, 0.63
HSL	93°, 34%, 27%
HSV	93°, 51%, 37%
XYZ	6.8797, 9.4316, 4.0426
YIQ	80.7540, -0.0880, -20.4400

Conversions

Conversions Part 2

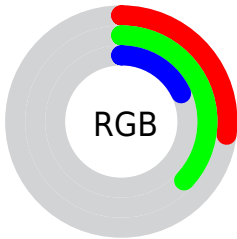
Format	Color
R _Y B	46, 94, 72
Decimal	4480558
CIE Lab	36.80, -19.22, 24.32
CIE LCh	37, 30.997, 128.324
Yxy	9.4320, 0.3380, 0.4634
Android (android.graphics.Color)	4282670638 (0xFF445E2E)
YUV	80.7540, -17.1337, -11.1853
Hunter-Lab	30.7109, -13.7572, 13.6930

Details

The HunterLab color $[30.7109, -13.7572, 13.6930]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[20.3472, 14.1355, -18.0735]$, and the grayscale version is $[28.6565, -1.5290, 1.5570]$.

A 20% lighter version of the original color is $[49.8925, -17.2880, 18.1344]$, and $[15.1528, -9.9039, 9.1637]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.3160, -15.5194, 15.0498]$, and if you desaturate by 10%, it is $[31.1538, -11.7943, 12.0152]$.

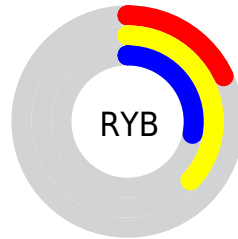
Distribution



Red (27%)

Green (37%)

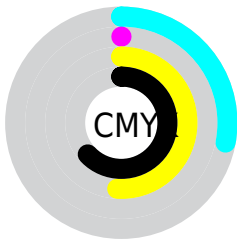
Blue (18%)



Red (18%)

Yellow (37%)

Blue (28%)

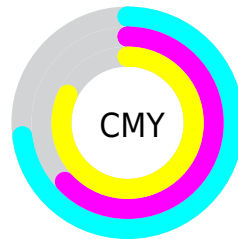


Cyan (28%)

Magenta (0%)

Yellow (51%)

Black (63%)



Cyan (73%)

Magenta (63%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.7109, -13.7572, 13.6930 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 30.7109, -13.7572, 13.6930 by changing the saturation by 10% instead.

■ 30.7109, -13.7572,
13.6930

■ 30.7109, -13.7572,
13.6930

■ 136.5902,
-28.3339, 31.0665

■ 22.4143, -11.8874,
11.3285

■ 49.7208, -17.2263,
17.9808

■ 15.0378, -9.8577,
9.2438

■ 60.3091, -18.8780,
19.9814

■ 8.6784, -10.1146,
6.0749

■ 71.5577, -20.4954,
21.9184

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.4300, -22.0883,
23.8069

0.0000, NaN, NaN

■ 95.8947, -23.6639,
25.6584

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.9248,

-25.2274, 27.4814

0.0000, NaN, NaN

122.4970,
-26.7830, 29.2823

■ 30.7109, -13.7572,
13.6930

■ 30.7109, -13.7572,
13.6930

■ 30.3160, -15.5194,
15.0498

■ 31.1538, -11.7943,
12.0152

■ 29.9665, -17.0748,
16.0905

■ 31.6428, -9.6351,
10.0152

■ 29.6618, -18.4239,
16.8281

■ 32.1784, -7.2892,
7.6978

■ 29.4001, -19.5719,
17.2871

■ 32.7603, -4.7671,
5.0710

■ 29.1910, -20.4940,
17.6286

■ 33.3877, -2.0802,
2.1460

■ 34.0597, 0.7592,
-1.0640

■ 34.7751, 3.7385,
-4.5438

■ 35.5328, 6.8453,
-8.2775

■ 36.3313, 10.0674,
-12.2487

Harmonies

Analogous

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



30.7116, -4.6618, 15.7170



30.7109, -13.7572, 13.6930



30.7116, -19.0252, 8.2504

Triad

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



30.7116, -13.7579, 13.6932



30.7116, -9.1145, -23.7295



30.7116, 22.3897, 4.4613

Complementary

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



30.7109, -13.7572, 13.6930



20.3472, 14.1355, -18.0735

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.



30.7116, 20.7520, -6.7883



30.7109, -13.7572, 13.6930



30.7116, 1.5027, -25.8745

Square

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



30.7116, -13.7579, 13.6932



30.7116, -16.6206, -13.7240



30.7116, 12.7069, -18.8370



30.7116, 16.9087, 11.7648

Rectangle

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



30.7109, -13.7572, 13.6930



30.7116, -20.1543, 2.2582



30.7116, 12.7069, -18.8370



30.7116, 22.6671, 1.0734

Sweetspot

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



30.7116, -13.7579, 13.6932



43.0028, -7.8049, 8.2898



26.7590, 2.5423, 10.8060



20.9990, -4.0432, 4.2897



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



30.7116, -13.7579, 13.6932



40.0257, -20.9329, 20.1972



29.6594, -17.8704, 12.4591



16.2205, -2.0577, 2.1868



34.2944, -24.2773, 20.7070



79.9291, -58.1491, 48.2340

Inverse Universe

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



20.3472, 14.1355, -18.0735



23.6453, 23.7356, -31.5093



22.6133, 19.9659, -12.5058



15.2802, 0.4181, -0.5664



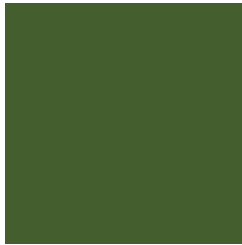
14.3533, 32.3706, -51.1135



32.7847, 74.8213, -123.5917

Previews

White Background



This preview shows how the HunterLab color 30.7109, -13.7572, 13.6930 looks on a white background.

Color Contrast Check

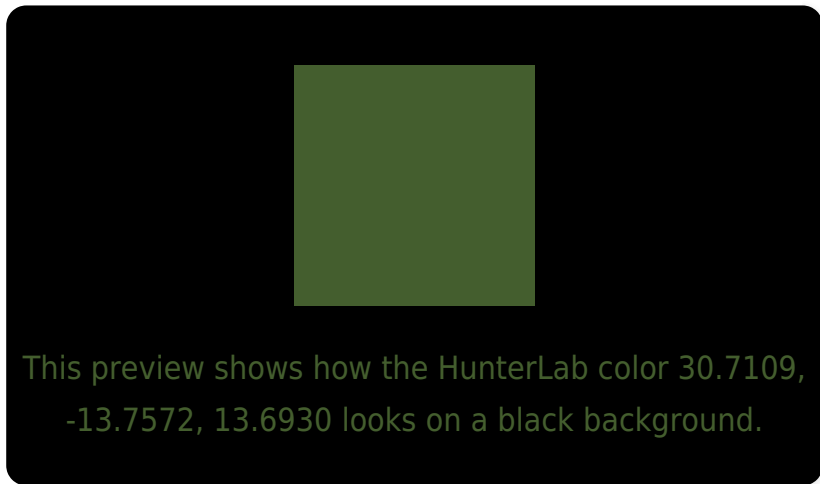
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7109, -13.7572, 13.6930 Background



This preview shows how black text looks on a background with the HunterLab color 30.7109, -13.7572, 13.6930.



This preview shows how white text looks on a background with the HunterLab color 30.7109,

-13.7572, 13.6930.

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

30.7109, -13.7572, 13.6930

Protanopia

30.4350, -3.5079, 14.2401

Deuteranopia

30.4296, 1.8732, 13.1217



Tritanopia

30.7980, -4.1371, -2.3990

Trichromacy



Original Color

30.7109, -13.7572, 13.6930

Protanomaly

30.4268, -7.6445, 13.9717

Deuteranomaly

30.2395, -4.0734, 13.0795

Tritanomaly

30.6756, -8.3602, 4.8247

Monochromacy



Original Color

30.7109, -13.7572, 13.6930

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.3418, -6.6246, 6.9136

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.7109, -13.7572, 13.6930 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(68, 94, 46)` looks like.

```
.text, #text, p{  
    color:rgb(68, 94, 46)  
}
```

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(68, 94, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 94, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 30.7109, -13.7572, 13.6930 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(68, 94, 46) }
```


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

```
.border{ border-color:rgb(68, 94, 46) }
```

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

Here you see how a box with a 4 pixel rgb(68, 94, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 94, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 94, 46);  
box-shadow:4px 4px 4px 4px rgb(68, 94, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.7109, -13.7572, 13.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 94, 46) }
```

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

```
.background{ background-color: rgb(68, 94,  
46) }
```

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