

Converting Colors

HunterLab(38.7126, -3.4734,
12.7535)

Have a look what the booklet for
HunterLab(38.7126, -3.4734,
12.7535) contains.

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Color

**HunterLab(38.7146, -3.4771,
12.7565)**

Conversions

Conversions Part 1

Format	Color
Hex	746C4E
RGB	116, 108, 78
RGB Percent	45%, 42%, 31%
CMY	0.5451, 0.5765, 0.6941
CMYK	0.00, 0.07, 0.33, 0.55
HSL	47°, 20%, 38%
HSV	47°, 33%, 45%
XYZ	13.9402, 14.9882, 9.3660
YIQ	106.9720, 14.3980, -7.6340

Conversions

Conversions Part 2

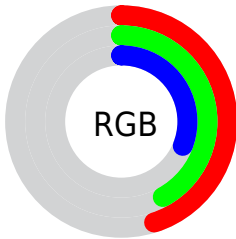
Format	Color
R _Y B	88, 116, 78
Decimal	7629902
CIE Lab	45.62, -1.91, 17.95
CIE LCh	46, 18.054, 96.089
Yxy	14.9889, 0.3640, 0.3914
Android (android.graphics.Color)	4285819982 (0xFF746C4E)
YUV	106.9720, -14.2832, 7.9176
Hunter-Lab	38.7146, -3.4771, 12.7565

Details

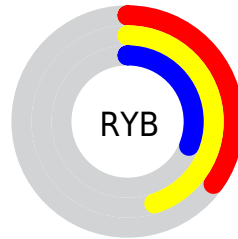
The HunterLab color **38.7146, -3.4771, 12.7565** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **30.8803, 1.5781, -12.6681**, and the grayscale version is **38.3829, -2.0480, 2.0854**.

A 20% lighter version of the original color is **58.9607, -4.5135, 16.0614**, and **21.5420, -2.4162, 9.2717** is the 20% darker color. If you saturate the color by 10%, you get **37.8538, -3.4963, 15.0936**, and if you desaturate by 10%, it is **39.6137, -3.2882, 10.0076**.

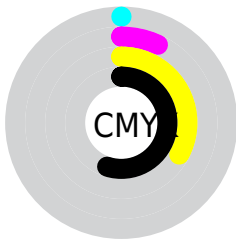
Distribution



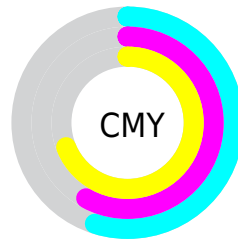
- Red (45%)
- Green (42%)
- Blue (31%)



- Red (35%)
- Yellow (45%)
- Blue (31%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.7146, -3.4771, 12.7565 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 38.7146, -3.4771, 12.7565 by changing the saturation by 10% instead.

■ 38.7146, -3.4771,
12.7565

■ 38.7146, -3.4771,
12.7565

149.4319,
-10.2034, 26.6747

■ 29.6843, -2.8747,
11.0303

■ 59.0201, -4.7786,
16.0133

■ 21.4907, -2.3030,
9.1947

■ 70.1926, -5.4731,
17.5808

■ 14.2310, -1.7636,
7.3468

■ 81.9927, -6.1958,
19.1235

■ 7.8870, -1.4792,
5.5209

■ 94.3887, -6.9460,
20.6490

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.3532, -7.7225,
22.1630

0.0000, NaN, NaN

120.8623, -8.5248,

0.0000, NaN, NaN

134.8948, -9.3520,
25.1729

■ 38.7146, -3.4771,
12.7565

■ 38.7146, -3.4771,
12.7565

■ 37.8538, -3.4963,
15.0936

■ 39.6137, -3.2882,
10.0076

■ 37.0290, -3.3409,
17.0112

■ 40.5479, -2.9285,
6.8557

■ 36.2411, -3.0133,
18.5081

■ 41.5174, -2.4032,
3.3140

■ 35.4897, -2.5168,
19.5888

■ 42.5214, -1.7172,
-0.6031

■ 34.7740, -1.8585,
20.2665

■ 43.5591, -0.8760,
-4.8794

■ 34.0922, -1.0508,
20.5695

■ 44.6294, 0.1144,
-9.4984

■ 33.6097, -0.4280,
20.7026

■ 45.7315, 1.2474,
-14.4432

■ 46.8641, 2.5167,
-19.6965

■ 48.0265, 3.9157,
-25.2417

Harmonies

Analogous

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



38.7155, 3.5122, 12.0397



38.7146, -3.4771, 12.7565



38.7155, -9.6460, 11.0548

Triad

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



38.7155, -3.4783, 12.7570



38.7155, -12.3083, -6.1743



38.7155, 10.9537, -3.4210

Complementary

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



38.7146, -3.4771, 12.7565



30.8803, 1.5781, -12.6681

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.



38.7155, 6.1421, -9.6680



38.7146, -3.4771, 12.7565



38.7155, -7.3487, -11.4441

Square

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



38.7155, -3.4783, 12.7570



38.7155, -14.5068, 0.7314



38.7155, -0.6368, -12.8240



38.7155, 12.1716, 3.4347

Rectangle

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



38.7146, -3.4771, 12.7565



38.7155, -12.5686, 8.5635



38.7155, -0.6368, -12.8240



38.7155, 9.6871, -5.6966

Sweetspot

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



38.7155, -3.4783, 12.7570



54.0771, -3.7287, 7.9613



31.3650, 11.2193, 2.7871



26.3437, -1.8555, 4.1355



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.



38.7155, -3.4783, 12.7570



50.4993, -4.6519, 19.2088



40.0728, -10.1100, 13.8511



20.3513, -1.3695, 2.7792



35.5669, -0.3894, 21.9093



77.7035, 0.5294, 47.8898

Inverse Universe

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



30.8803, 1.5781, -12.6681



37.9547, 3.6307, -21.9201



29.7023, 7.9636, -14.5405



19.2441, -0.6806, -0.7556



14.6398, 21.9539, -65.6906



30.6675, 53.9772, -154.8529

Previews

White Background



This preview shows how the HunterLab color 38.7146, -3.4771, 12.7565 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



This preview shows how the HunterLab color 38.7146, -3.4771, 12.7565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

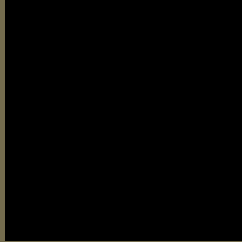
Any Text WCAG AA × Fail

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 38.7146, -3.4771, 12.7565 Background



This preview shows how black text looks on a background with the HunterLab color 38.7146, -3.4771, 12.7565.

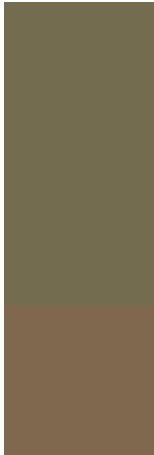


This preview shows how white text looks on a background with the HunterLab color 38.7146, -3.4771, 12.7565.

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

38.7146, -3.4771, 12.7565

Protanopia

38.7146, -3.4771, 12.7565

Deuteranopia

38.7999, 2.3211, 12.6454



Tritanopia

38.8118, 3.9207, 0.5669

Trichromacy



Original Color

38.7146, -3.4771, 12.7565

Protanomaly

38.7146, -3.4771, 12.7565

Deuteranomaly

38.6688, 0.5331, 12.4950

Tritanomaly

38.6590, 1.4195, 5.3556

Monochromacy



Original Color

38.7146, -3.4771, 12.7565

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

38.3079, -2.7387, 6.4295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.7146, -3.4771, 12.7565 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(116, 108, 78)` looks like.

```
.text, #text, p{  
    color:rgb(116, 108, 78)  
}
```

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(116, 108, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 108, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 38.7146, -3.4771, 12.7565 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(116, 108, 78) }
```


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

```
.border{ border-color:rgb(116, 108, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 108, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 108, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 108, 78);  
box-shadow:4px 4px 4px 4px rgb(116, 108,  
78) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.7146, -3.4771, 12.7565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 108, 78) }
```

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

```
.background{ background-color: rgb(116,  
108, 78) }
```

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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